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Pomona Performance



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Manufacturing

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2008 - 2009

RoHS

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For over half a century the name Pomona Electronics has been synonymous with reliability and outstanding value.



We are proud to have built our reputation for the delivery of quality products by using only the finest materials available and designing to match real world applications... where you live — everyday. Pomona Electronics is proud to be there, at your side.

Coaxial Cable Assemblies and Breakouts

BNC Male Cable with Molded Strain Relief



Rating: Maximum voltage for *hands free use*: 500 Vrms*, +122°F (+50°C) max., ("Y" Cable 176°F (+80°C).)

BNC: *Body:* tarnish resistant nickel-plated brass; *Center Contact:* gold-plated brass; *Dielectric:* PTFE.

Strain Relief: PVC molded directly to cable and connectors.

Length	50Ω Cable O. D. 0.195in (4.95mm) RG58C/U	50Ω Cable O. D. 0.206in (5.23mm) RG223	75Ω Cable O. D. 0.242in (6.15mm) RG59B/U	50Ω Cable O. D. .100in (2.54mm) RG174/U	50Ω Cable O. D. 0.195in (4.95mm) RG58C/U
.5ft (0.2m)	2249-C-6		2249-E-6	2249-K-6	
1ft (0.3m)	2249-C-12	2249-Y-12	2249-E-12	2249-K-12	
2ft (0.6m)	2249-C-24	2249-Y-24	2249-E-24	2249-K-24	
3ft (0.9m)	2249-C-36	2249-Y-36	2249-E-36	2249-K-36	
4ft (1.2m)	2249-C-48	2249-Y-48	2249-E-48	2249-K-48	
5ft (1.5m)	2249-C-60	2249-Y-60	2249-E-60	2249-K-60	5266-C-60
6ft (1.8m)	2249-C-72	2249-Y-72	2249-E-72	2249-K-72	
8ft (2.4m)	2249-C-96	2249-Y-96		2249-K-96	
10ft (3.0m)	2249-C-120	2249-Y-120	2249-E-120	2249-K-120	
12ft (3.7m)	2249-C-144	2249-Y-144	2249-E-144		
15ft (4.6m)	2249-C-180	2249-Y-180	2249-E-180	2249-K-180	
20ft (6.1m)	2249-C-240	2249-Y-240	2249-E-240	2249-K-240	
25ft (7.6m)	2249-C-300		2249-E-300	2249-K-300	
30ft (9.1m)	2249-C-360		2249-E-360		
50ft (15.2m)	2249-C-600		2249-E-600		

Model 2249-C is Pomona Electronics' most popular cable. The 50Ω RG58C/U cable makes it ideal for most test and measurement applications.

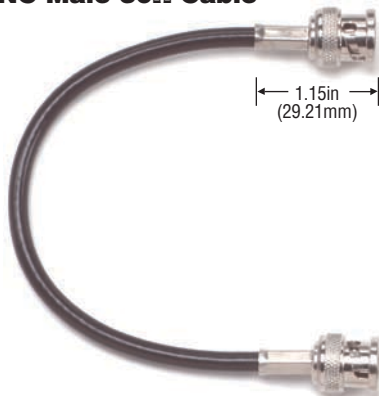
Model 2249-Y is a 50Ω RG223/U cable with double shield. Use when additional shielding is required.

Model 2249-E RG59B/U is a 75Ω cable, making it the right choice for use with TV, video and LAN applications.

Model 2249-K RG174/U offers superior flexibility in a 50Ω cable.

Model 5266-C is the same high quality construction as Model 2249-C with a connector on (**one end only**).

BNC Male 50Ω Cable



Rating: Maximum voltage for *hands free use*: 500 Vrms*.

Cable Type: 50Ω, RG58 type 0.19in (4.95mm) O.D.

BNC: *Body:* tarnish resistant nickel-plated brass; *Center Contact:* gold-plated brass contact crimped to cable; *Dielectric:* PTFE.

Model#	Length
5697-6	6in (0.2m)
5697-12	12in (0.3m)
5697-24	24in (0.6m)
5697-36	36in (0.9m)
5697-48	48in (1.2m)
5697-60	60in (1.5m)
5697-72	72in (1.8m)
5697-120	120in (3.0m)
5697-180	180in (4.6m)
5697-240	240in (6.1m)

BNC Shorting Cap or Dust Cap for BNC Female

Model#	Type
5085	Shorting cap
3839	Dust cap

Shorting cap provides protection and supplies a short across an input.

Dust cap protects sensitive instrument inputs and is non-shorting.

Tarnish resistant plating.

3in (76.20mm) long chain.



BNC Straight RF Plugs

Rating: Maximum voltage for *hands free use*: 500 Vrms.

BNC: *Body:* tarnish resistant nickel-plated brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric:* PTFE.

***Performance:** 4 GHz with VSWR of 1.3 maximum from 0 to 4GHz.



Fig. 1: Compression Style

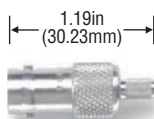


Fig. 3: Crimp Style



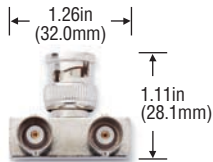
Fig. 2: Crimp Style



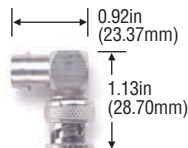
Fig. 4: Crimp Style

Model#	Type	Fig.	Cable Group RG_/U BNC
50Ω Impedance			
4488	BNC (m)	1	142, 142A, 142B, 223, 58, 58A, 58C, 5B, 5BA, 5BC, 8C, 141, 141A
4997	BNC (m)	1	RG58 only
50Ω Impedance Crimp			
5307	BNC (m)	1	174, 174A, 179B, 187, 187A, 188, 188A, 316
5285	BNC (m)	2	RG58, 58A, 58C, 141, 141A
5344	BNC (f)	3	58, 58A, 58C, 141, 141A
7035*	BNC (m)	2	RG55A, 142, 142A, 223, 400
7040*	BNC (m)	2	RG179, 179B, 187, 187A, 174, 188, 188A, 316
7207*	BNC (m)	1	RG-223
75Ω Impedance			
5286	BNC (m)	2	59, 59A, 59B, 62, 62A, 62B, 62C, 210
6702A	BNC (m)	4	59B, 20 AWG, Belden 1505A
6703A	BNC (m)	4	6B, 18 AWG, Belden 1694A
6704A	BNC (m)	4	59B, 23 AWG
6746A	BNC (m)	1	59, 59A, 59B, 62, 210, Belden 8241, 8263
6752A	BNC (m)	2	59A, 59B, 62, 210, Belden 8241, 8263
7042	BNC (m)	2	Belden 1407B, 1417B, 1164B, 1167B, 1418B, 11467B, 11865A

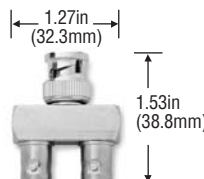
BNC within Series Adapters



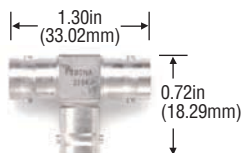
6701



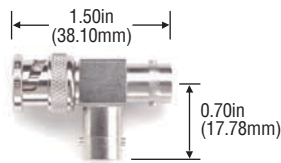
3534



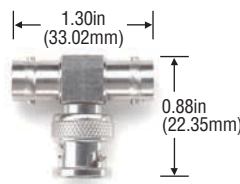
6700/6754



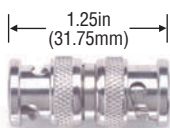
3284/6738



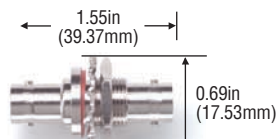
4896



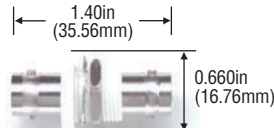
3285/6739



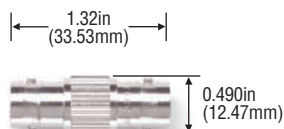
3533/6740



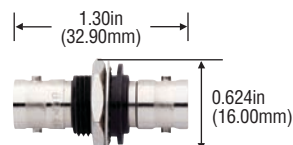
3847/6744
See Cutout



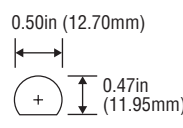
3846
See Cut-Out



3283/6737



6705



Panel Cut-Out for
3846/3847/6744

Model#	Type	Special Features
50Ω Impedance		
3283	BNC (f/f)	
3533	BNC (m/m)	
3285	BNC (f/m/f)	
3284	BNC (f/f/f)	
4896	BNC (m/f/f)	
3534	BNC (f/m)	Right Angle
3847	BNC (f/f)	Hermetically Sealed (b)
3846	BNC (f/f)	Isolated Ground (a)
6700	BNC (f/m/f)	In-line
6701	BNC (f/m/f)	Right Angle
75Ω Impedance		
6705	BNC (f/f)	Isolated Ground (a)
6737	BNC (f/f)	
6738	BNC (f/f/f)	
6739	BNC (f/m/f)	
6740	BNC (m/m)	
6744	BNC (f/f)	Hermetically Sealed (b)
6754	BNC (f/m/f)	In-line

Notes: (a) Mounting hardware is isolated from outer conductor of BNC, (b) Leakage rate less than 10⁻⁷ cc/sec of tracer gas at one atmosphere.

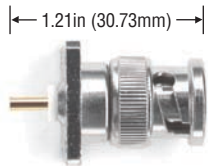
Rating: Maximum voltage for *hands free use*: 500 Vrms*, -85°F to +329°F (-65°C to +165°C).

BNC: *Shell:* tarnish resistant nickel-plated brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric:* PTFE.

Bandwidth: to 4 GHz.

Rating: The components in this section have a hands free rating for use in controlled voltage environments. However, for CE compliance these products are not intended for hand held use at voltages above 33 Vrms/70 Vdc.

BNC Panel Receptacles



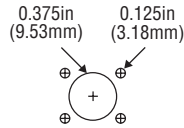
2447/2447A

Dimensions for 6735
(not shown)
1.13in (28.6mm)

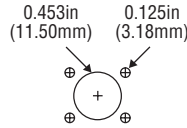


2451/2451A

Dimensions for 6736
(not shown)
1.06in (26.9mm)



Cut-Out
for 2447/2447A/6735



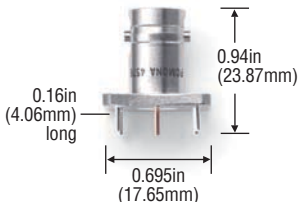
Cut-Out
for 2451/2451A/6736

(see table for spacing)

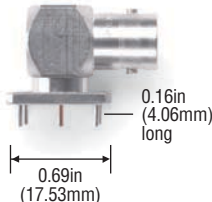
Model#	Type	Spacing
50Ω Impedance		
2447	BNC (m)	0.531in (13.46mm) hole spacing center to center
2451	BNC (f)	
2447A	BNC (m)	0.50in (12.70mm) hole spacing center to center
2451A	BNC (f)	
75Ω Impedance		
6735	BNC (m)	0.50in (12.70mm) hole spacing center to center
6736	BNC (f)	0.531in (13.46mm) hole spacing center to center

BNC: Shell: tarnish resistant nickel-plated brass; Center Contact: male: gold-plated brass; female: gold-plated beryllium copper; Dielectric: PTFE.

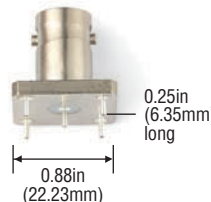
BNC Female PCB Mount



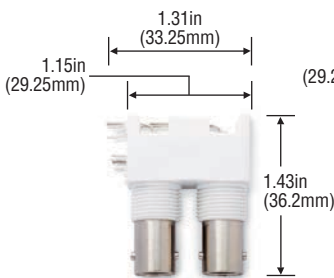
4578/6747



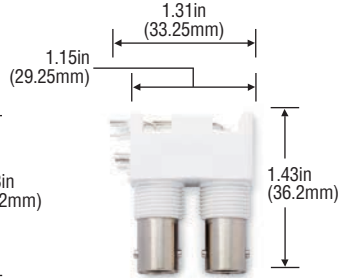
4788/6748



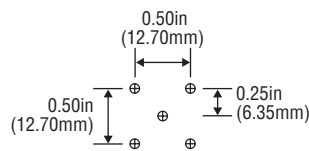
7073



6717



6718



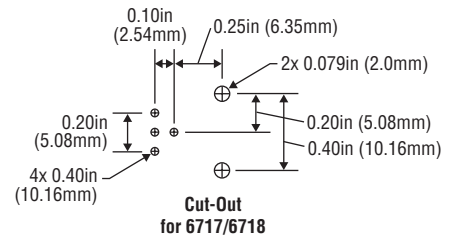
Cut-Out for
4578/4788/7073/6747/6748

Model#	Type	Material
50Ω Impedance		
4578	Vertical BNC	
4788	R/A BNC	Brass
6717	Dual R/A BNC	White Valox
7073*	Straight	Brass
75Ω Impedance		
6718	BNC (f)	White Valox
6747	BNC (f)	Vertical
6748	BNC (f)	Right Angle

Rating: Maximum voltage for hands free use: 500 Vrms*, Impedance: 50Ω, -85 to +329°F (+165 to -65°C)

BNC: Body: tarnish resistant nickel-plated brass; Contact: gold-plated beryllium copper. Dielectric: PTFE.

*Performance: 4 GHz with Vswr of 1.3 maximum from 0 to 4GHz.



Cut-Out
for 6717/6718

BNC Bulkhead Receptacles



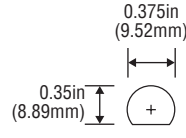
4160/6745



4159/6741



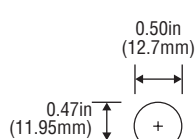
4979



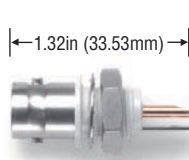
Cut-Out for
5148



3778/6741



Cut-Out for
3778/6741



5148

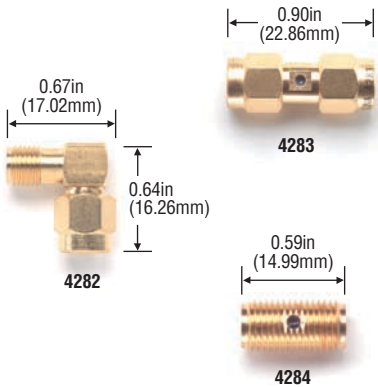
Model#	Type	Special Features	Max. Panel Thickness
50Ω Impedance			
3778	BNC (f)	Isolated Ground, Teflon Insulation	0.18in (4.57mm)
5148		Isolated Ground, Valox Insulation	0.175in (4.45mm)
4159	BNC (f)	Hermetically Sealed*	0.37in (9.40mm)
4160			0.10in (2.54mm)
4979		BNC (m)	0.19in (4.83mm)
75Ω Impedance			
6741	BNC (f)	Isolated Ground	
6745	BNC (f)		

* Leakage rate less than 10⁻⁷ cc/sec of tracer gas at one atmosphere.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: male: gold-plated brass; female: gold-plated beryllium copper (except as noted); Dielectric: PTFE.

Mounting hardware is isolated from outer conductor of BNC.

SMA within Series Adapters

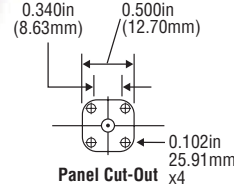
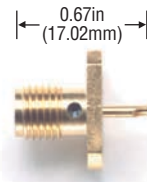


Model#	Type
4282	SMA (f) to (m), Right Angle
4283	SMA (m) to (m)
4284	SMA (f) to (f)

SMA: Shell: gold-plated brass; Center Contacts: gold-plated brass; Dielectric: PTFE.

Frequency Range: 4283, 4284: 186Hz; 4282: 12GHz.

SMA Female Panel Receptacle



Model# 4850

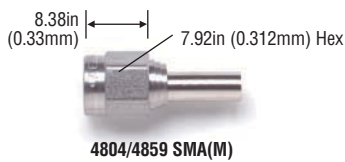
Rating: Maximum voltage for hands free use: 335 Vrms*, -85°F to +329°F (-65°C to +165°C).

Impedance: 50Ω.

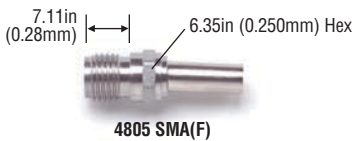
SMA: Body: gold-plated stainless steel; Center Contact: gold-plated beryllium copper; Dielectric: PTFE.

Flange thickness: 0.065in (1.65mm).

SMA Connector



4804/4859 SMA(M)



4805 SMA(F)

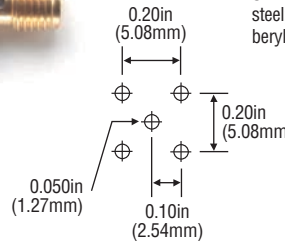
Model#	Fits Cable Types
4804	RG174, 179, 187
4805	RG188, 316
4859	RG55, 142

Supplied with center conductor and sleeve.

Impedance: 50Ω.

SMA: Shell: passivated steel; Dielectric: PTFE.

SMA PCB Mounting Female



Panel Cut-Out

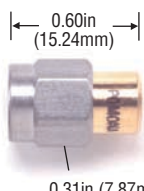
Model# 4959

Rating: Maximum voltage for hands free use: 335 Vrms*, -85°F to 329°F (-65°C to +165°C).

Impedance: 50Ω.

SMA: Body: gold-plated stainless steel; Center Contact: gold-plated beryllium copper; Dielectric: PTFE.

SMA Male Terminator Plug



0.31in (7.87mm) Hex

Model# 4286

Rating: Maximum voltage for hands free use: 335 Vrms*.

Impedance: 50Ω 1/2 W., 1%.

VSWR: 1.25 max. to 18GHz, 1/2 W, 85°F to +329°F (65°C to +165°C).

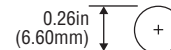
Resistor Terminator.

Gold-plated stainless steel with Teflon insulation.

SMA Female to Female Bulkhead Receptacle



0.31in (7.87mm) Hex

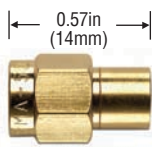


Panel Cut-Out

Model# 4285

SMA: Shell: gold plated brass; Center Contacts: gold plated brass; Dielectric: PTFE.

SMA Plug, 50Ω Termination



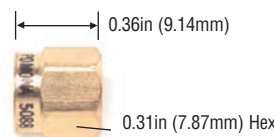
Model# 72975

Bandwidth: 0-12.4 GHz on flexible cable.

Rating: For CE compliance and personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for hands free use: 500 Vpeak: RG58, 141, 143; 375 Vpeak: RG174, 188, 316. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: Body: machined brass, gold-plated finish; Center Contacts: plug: gold-plated brass; jack: gold-plated beryllium copper.

SMA Shorting Cap



0.31in (7.87mm) Hex

Model# 5088

Screw onto SMA female. Protects sensitive instrument inputs or provides a necessary reference short.

SMA: Shell: gold plated; Center Contacts: gold-plated steel.

*see rating message at start of section.

RF SMA Connectors



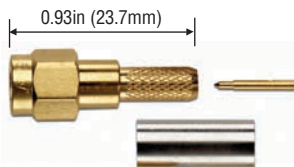
Bandwidth: 0-12.4 GHz on flexible cable.

Rating: For CE compliance and personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for hands free use: 500 Vpeak: RG58, 141, 143; 375 Vpeak: RG174, 188, 316. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: Body: machined brass, gold-plated finish; Center Contacts: plug: gold-plated brass; jack: gold-plated beryllium copper.

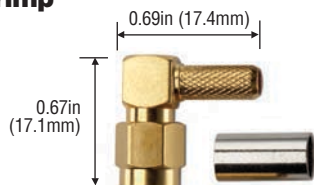
Above specifications apply to the models on this page

SMA 50Ω Plug



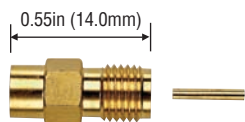
Model#	Description	Cable Group RG /U
72943	Straight Crimp	58
72944	Straight Crimp	141
72945	Straight Crimp	142, 400
72946	Straight Crimp	174, 188, 316
72950	Straight Crimp, Reverse Polarity	174, 188, 316

SMA 50Ω Plug, Right-Angle Crimp



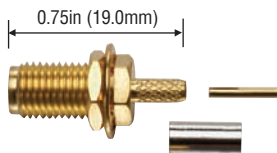
Model#	Cable Group RG /U
72958	58
72959	141, 174, 188, 316
72960	142, 400

SMA 50Ω Jack, Straight Crimp



Model#	Cable Group RG /U
72952	141
72953	142, 400
72954	174, 188, 316

SMA 50Ω Jack, Bulkhead Crimp



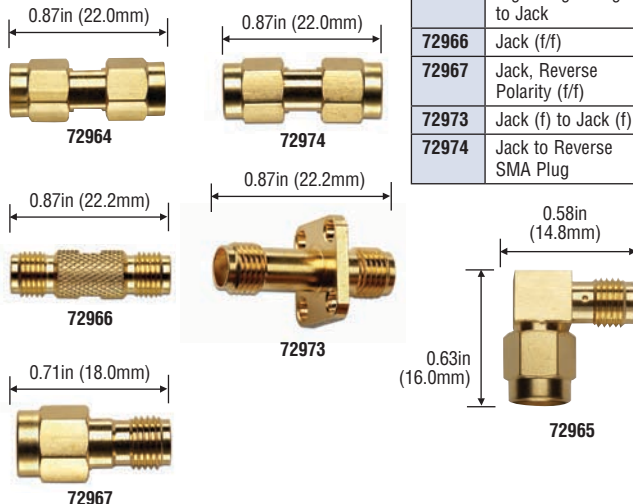
Model#	Cable Group RG /U
72956	174, 178, 188, 316

SMA 50Ω Jack, Panel Receptacle



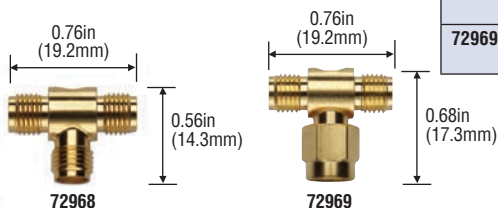
Model#	Description
72961	2 Hole
72962	4 Hole

SMA 50Ω Within Series Adapters



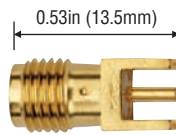
Model#	Description
72964	Plug (m/m)
72965	Right-Angle Plug to Jack
72966	Jack (f/f)
72967	Jack, Reverse Polarity (f/f)
72973	Jack (f) to Jack (f)
72974	Jack to Reverse SMA Plug

SMA 50Ω T Type



Model#	Description
72968	Jack (f)/ Jack (f)/Jack (f)
72969	Jack (f)/Plug (m)/ Jack (f)

SMA 50Ω Jack, Straight PCB Receptacle



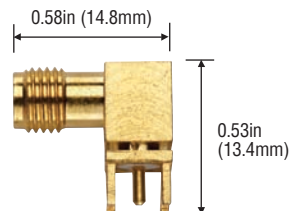
72963

SMA 50Ω Jack, Straight PCB Receptacle Edge Mount



72970

SMA 50Ω Jack, Right-Angle PCB Receptacle



72971

RF SMB Connectors



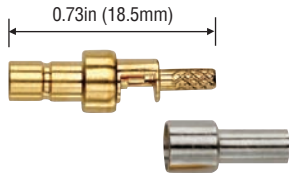
Bandwidth: 3-4 GHz, depending upon connector. (see data sheet on website)

Rating: For CE compliance and personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for hands free use: 250 Vrms. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: Body: machined brass, gold-plated finish; Center Contacts: plug: gold-plated brass; jack: gold-plated beryllium copper.

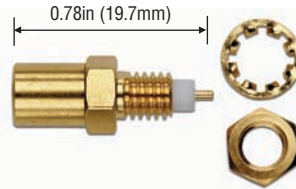
Above specifications apply to the models on this page except 5375

SMB Jack, Straight Crimp



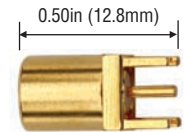
Model#	Ω	Cable Group RG /U
72983	50	178, 196
72984	50	174, 188, 316
72985	75	179, 187

SMB 50Ω Plug, Panel Receptacle



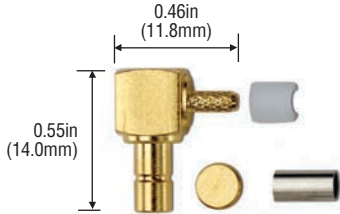
72999

SMB 50Ω Plug, Straight PCB Receptacle



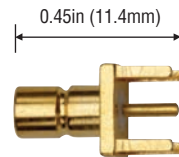
72995

SMB Jack, Right-Angle Crimp



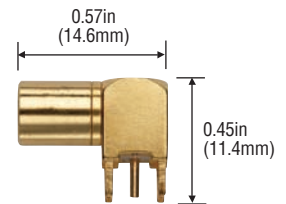
Model#	Ω	Cable Group RG /U
72991	50	178, 196
72992		174, 188, 316
72993	75	179, 187

SMB 50Ω Jack, Straight PCB Receptacle



72996

SMB 50Ω Plug, Right-Angle PCB Receptacle



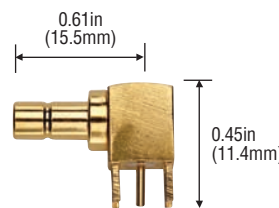
72997

SMB Plug, Straight Crimp



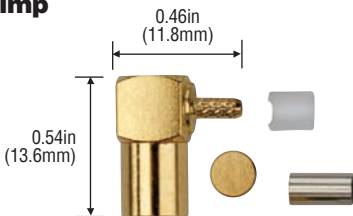
Model#	Ω	Cable Group RG /U
72980	50	178, 196
72981		174, 188, 316
72982	75	179, 196

SMB 50Ω Jack, Right-Angle PCB Receptacle



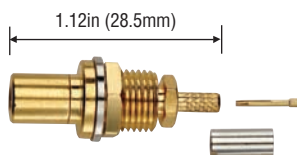
72998

SMB Plug, Right-Angle Crimp



Model#	Ω	Cable Group RG /U
72987	50	178, 196
72988		174, 188, 316
72989	75	179, 187

SMB Plug, Bulkhead



Model#	Ω	Cable Group RG /U
73000	50	174, 188, 316
73001	75	179, 187

SMB Female Connector Crimp Type



Model# 5375

This SMB (Subminiature "B") connector snap together for quick assembly.

Fit Cable Types: RG174, 179, 187, 188, 316

Rating: Maximum voltage for *hands free use*: 335 Vrms*, -85°F to +329°F (-65°C to +165°C).

Impedance: 50Ω.

Frequency Range: DC to 4GHz.

SMB: Shell: tarnish resistant nickel-plated brass; Contact: male: gold-plated brass; female: gold-plated beryllium copper; Dielectric: PTFE.

*see rating message at start of section.

RF MCX Connectors



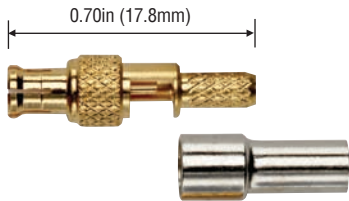
Bandwidth: 3-6 GHz, depending upon connector. (see data sheet on website.)

Working Voltage: For CE compliance and personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for hands free use: 170 Vrms. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: Body: brass, gold-plated finish; Center Contacts: plug: gold-plated brass; jack: gold-plated beryllium copper.

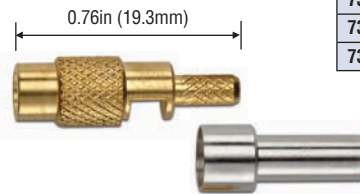
Above specifications apply to the models on this page

MCX Plug, Straight Crimp



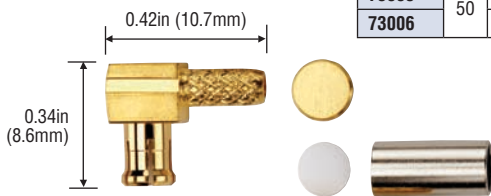
Model#	Ω	Cable Group RG /U
73002	50	174, 316
73003		178
73004	75	179

MCX Jack, Straight Crimp



Model#	Ω	Cable Group RG /U
73010	50	174, 316
73011		178
73012	75	179

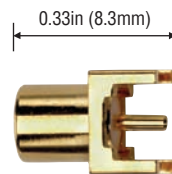
MCX Plug, Right-Angle Crimp



Model#	Ω	Cable Group RG /U
73005	50	174, 316
73006		178

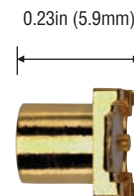
MCX 50Ω Jack, Straight PCB Receptacle

73007

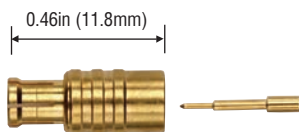


MCX 50Ω Jack, Straight Surface Mount Receptacle

73018



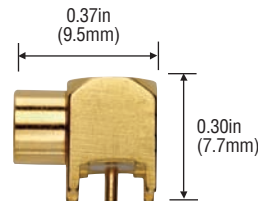
MCX Plug, Straight Semi-Rigid Crimp



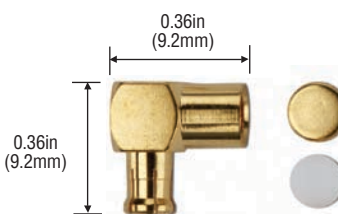
Model#	Ω	Cable Group RG /U
73014	50	402
73015		405

MCX 50Ω Jack, Right-Angle PCB Receptacle

73008



MCX Plug, Right-Angle Semi-Rigid Crimp



Model#	Ω	Cable Group RG /U
73016	50	402
73017		405

RF MMCX Connectors



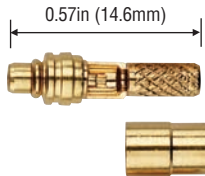
Bandwidth: 3-6 GHz, depending upon connector. (see data sheet on website.)

Working Voltage: For CE compliance and personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for hands free use: 170 Vrms. Do not use on circuits where transient stresses can exceed the rated voltage.

Materials: Body: brass, gold-plated finish; Center Contacts: plug: gold-plated brass; jack: gold-plated beryllium copper.

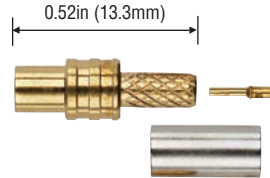
Above specifications apply to the models on this page

MMCX 50Ω Plug, Straight Crimp



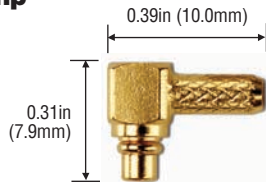
Model#	Cable Group RG /U
73023	174, 316
73024	178

MMCX 50Ω Jack, Straight Crimp



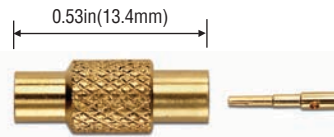
Model#	Cable Group RG /U
73029	174, 316
73030	178

MMCX 50Ω Plug, Right-Angle Crimp



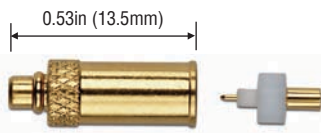
Model#	Cable Group RG /U
73025	174, 316
73026	178

MMCX 50Ω Jack, Straight Semi-Rigid Crimp



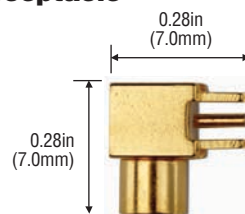
Model#	Cable Group RG /U
73037	405

MMCX 50Ω Plug, Straight Semi-Rigid Crimp



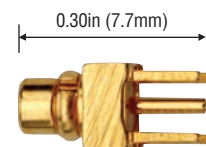
Model#	Cable Group RG /U
73034	402
73035	405

MMCX 50Ω Jack, Right-Angle PCB Receptacle



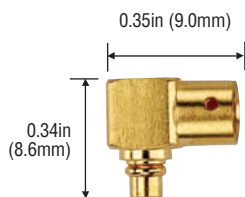
73028

MMCX 50Ω Plug, Straight Edgcard



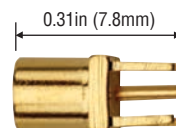
73038

MMCX 50Ω Plug, Right-Angle Semi-Rigid Crimp



Model#	Cable Group RG /U
73032	402
73033	405

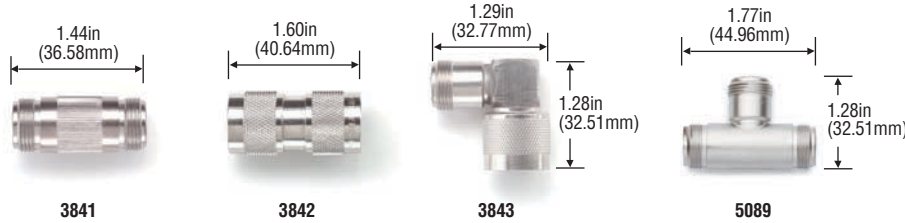
MMCX 50Ω Jack, Straight Edgcard



73039

*see rating message at start of section.

Type N Adapters



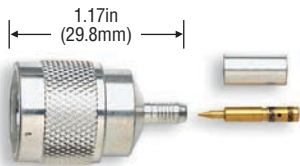
Model#	Type
3841	N (f/f)
3842	N (m/m)
3843	N (f/m)
5089	N (f/f)

N: Body: bronze-plated white brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric:* PTFE.

Impedance: 50Ω.

Rating: Maximum voltage for *hands free use:* 1,000 Vrms*.

Type N Male Straight RF Connector Crimp



Model# 7057

Fit Cable Types: RG55, 142, 223, 400.

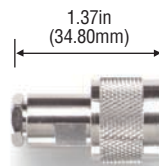
Impedance: 50Ω.

N: Body: bronze-plated white brass; *Center Contact:* male: gold-plated brass; female: gold-plated heat treated beryllium copper; *Dielectric:* PTFE.

Performance: 11 GHz with Vswr of 1.3 maximum from 0 to 11 GHz.

Use with crimp die set model 7281, crimp tool model 7277.

Type N Male Connectors



Model# 4787

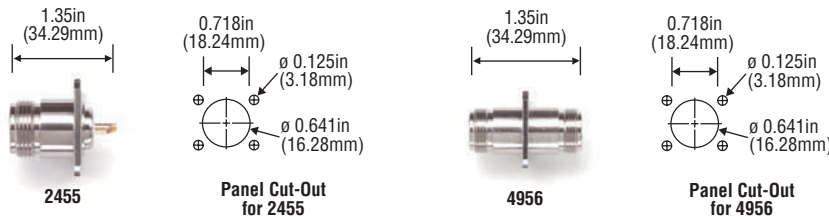
Fit Cable Types: RG58 and 142, 223, 141.

N: Body: bronze-plated white brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric:* PTFE.

Impedance: 50Ω .

Rating: Maximum voltage for *hands free use:* 1,000 Vrms*.

Type N Panel Mount Receptacle



Model#	Type
2455	N (f)
4956	N (f)

N: Body: bronze-plated white brass; *Center Contact:* female: gold-plated beryllium copper; *Dielectric:* PTFE.

Impedance: 50Ω.

Rating: Maximum voltage for *hands free use:* 1,000 Vrms*.

BNC Male with Strain Relief Boot



Make your own cable with strain relief.

5076: Black boot with nut only.

For use with connectors using a 7/16-28 clamp nut. Simply replace supplied nut with the one on the boot.

Rating: Maximum voltage for *hands free use:* 500 Vrms*, +122°F (+50°C) max.

Model#	Fits Cable Types	For Cable O.D.
5066-*	RG 58, 141	0.185in - 0.200 (4.70mm - 5.08mm)
5068-*	RG 174, 187, 188	0.090in - 0.110in (2.29mm - 2.79mm)
5076-*	RG 58, 141	0.185in - 0.200in (4.70mm - 5.08mm)

*Available in -0 black only

Strain Relief Boot



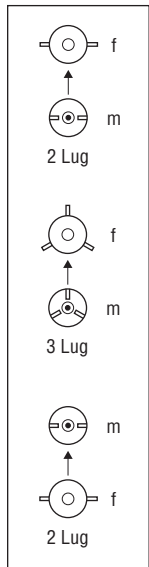
Rating: +122°F (+50°C) Max.

Use with crimp type connectors.

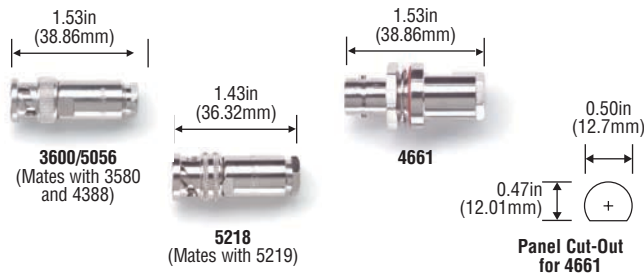
Sold in packages of 10.

*Std. Colors: -0 Black, -2 Red

Model#	Fits Cable Types	For Cable O.D.
5155-*	RG 58, 141	0.185in - .200 (4.70mm - 5.08mm)
5156-*	RG 59, 62, 210	0.237in - .247in (6.02mm - 6.27mm)
5157-*	RG 174, 187, 188	0.090in - .110in (2.29mm - 2.79mm)



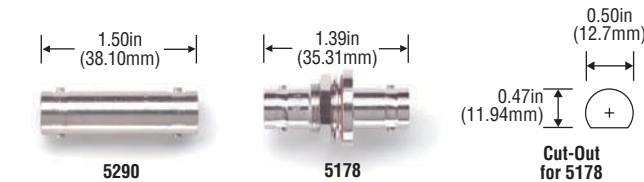
Triaxial Cable Plugs and Jacks



Model#	Lugs	Max. Panel Thickness	Fits Cable Types
3600	2 Lug (m)		Belden twinaxial 9272 0.242in (6.15mm) O.D.
4661	2 Lug (f)	0.14in (3.56mm)	Microdot 293-3930 0.175in (4.45mm) O.D.
5056	2 Lug (m)		Belden triaxial 9222
5218	3 Lug (m)		0.242in (6.15mm) O.D.

Triaxial: *Body/Fittings:* tarnish resistant nickel-plated brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Outer Contact:* gold-plated beryllium copper; *Dielectric:* PTFE.

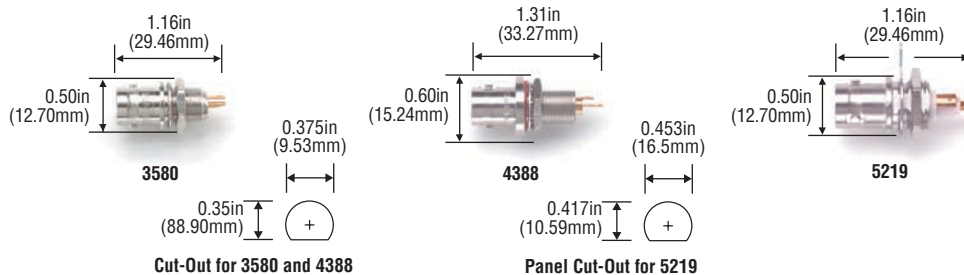
Triaxial Adapters



Model#	Lugs	Max. Panel Thickness
5178	2 Lug (f)	0.25in (6.35mm)
5290	2 Lug (f)	

Triaxial: *Body/Fittings:* tarnish resistant nickel-plated brass; *Center Contact:* female: gold-plated beryllium copper; *Outer Contact:* gold-plated beryllium copper; *Dielectric:* PTFE.

Triaxial Female Bulkhead Receptacles



Model#	Lugs	Max. Panel Thickness
3580	2 lug (f)	0.25in (6.35mm)
4388*	2 lug (f)	0.25in (6.35mm)
5219	3 lug (f)	0.14in (3.56mm)

*Hermetically sealed leakage less than 10-7 cc/sec tracer gas at one atmosphere.

Triaxial: *Body/Fittings:* tarnish resistant nickel-plated brass; *Center Contact:* female: gold-plated beryllium copper; *Outer Contact:* gold-plated beryllium copper; *Dielectric:* PTFE.

Twinax Cable Plug

Model# 4957

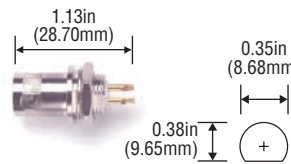
Use on twinaxial cable types RG108 and Belden 9272. Polarized Contact (One Male, One Female).
Rating: Maximum voltage for *hands free use:* 500 Vrms*, -85 to +329°F (-65 to +165°C).
Material: *Body:* tarnish resistant nickel-plated brass; *Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric:* PTFE.



Twinax Bulkhead Receptacle

Model#	Max. Panel Thickness
4958	0.13in (3.30mm)

Rating: Maximum voltage for *hands free use:* 500 Vrms*, -85 to +329°F (-65 to +165°C). Polarized Contact (One Male, One Female).
Material: *Body:* tarnish resistant nickel-plated brass; *Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric:* PTFE.

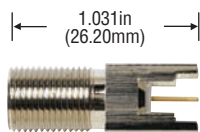


Panel Cut-Out

F PCB Mount Connectors

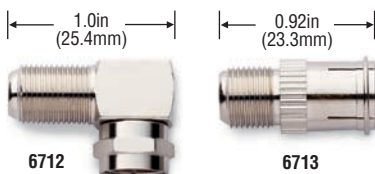
Model# 6803

F (F) PCB Edge Mount. Designed for fast installation with no crimping. Simply strip cable and push connector on. Precision machined brass with gold plating.



F within Series Adapters

Model#	Type
6712	F (m/f) Right angle
6713	F (m/f) In line, Push-on

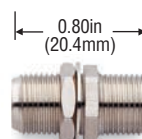


Material: Machined, nickel-plated brass

F Female to Female Bulkhead Receptacle

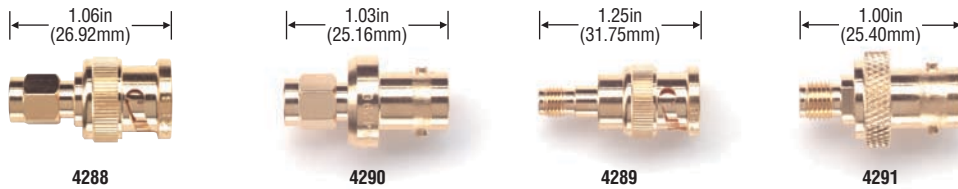
Model# 6706

In line, with nut and washer
Material: Machined, nickel-plated brass.



*see rating message at start of section.

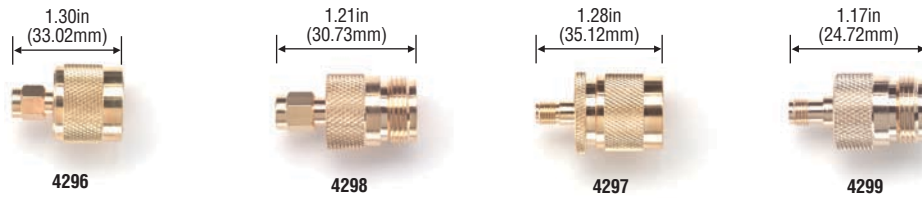
SMA to BNC



Model#	Type
4288	SMA (m) to BNC (m)
4289	SMA (f) to BNC (m)
4290	SMA (m) to BNC (f)
4291	SMA (f) to BNC (f)

Rating: Maximum voltage for *hands free* use: 335 Vrms*.
Impedance: 50Ω.
SMA: *Shell:* gold-plated brass; *Center Contacts:* male: gold-plated brass; female: gold-plated beryllium copper; *Dielectric:* PTFE.

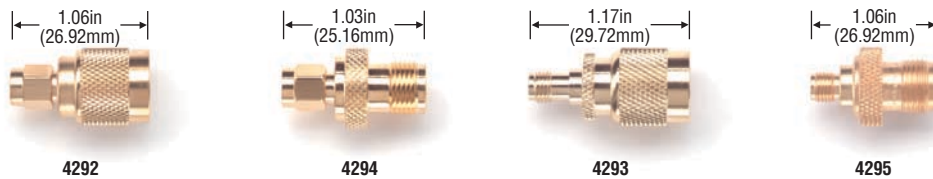
SMA to Type N



Model#	Type
4296	SMA (m) to type N (m)
4297	SMA (f) to type N (m)
4298	SMA (m) to type N (f)
4299	SMA (f) to type N (f)

Rating: Maximum voltage for *hands free* use: 335 Vrms*.
Impedance: 50Ω.
Material: *Shell:* gold-plated brass; *Center Contacts:* gold-plated brass; *Dielectric:* PTFE.

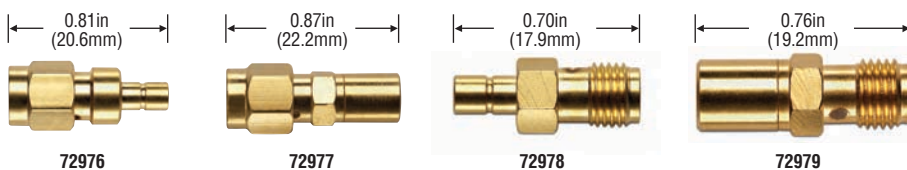
SMA to TNC



Model#	Type
4292	SMA (m) to TNC (m)
4293	SMA (f) to TNC (m)
4294	SMA (m) to TNC (f)
4295	SMA (f) to TNC (f)

Maximum voltage for *hands free* use: 335 Vrms*.
Impedance: 50Ω.
Material: *Shell:* gold-plated brass; *Center Contacts:* gold-plated brass; *Dielectric:* PTFE.

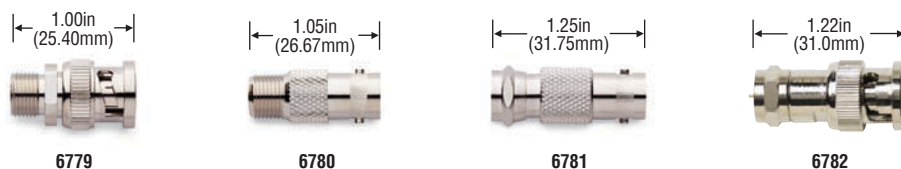
SMA to SMB



Model#	Type	Ω
72976	SMA (m) to SMB (m)	50
72977	SMA (m) to SMB (f)	
72978	SMA (f) to SMB (m)	
72979	SMA (f) to SMB (f)	

Bandwidth: 0-12.4 GHz on flexible cable.
Rating: For CE compliance and personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for hands free use: 500 Vpeak; RG58, 141, 143; 375 Vpeak; RG174, 188, 316. Do not use on circuits where transient stresses can exceed the rated voltage.
Materials: *Body:* machined brass, gold-plated finish; *Center Contacts:* plug: gold-plated brass; jack: gold-plated beryllium copper.

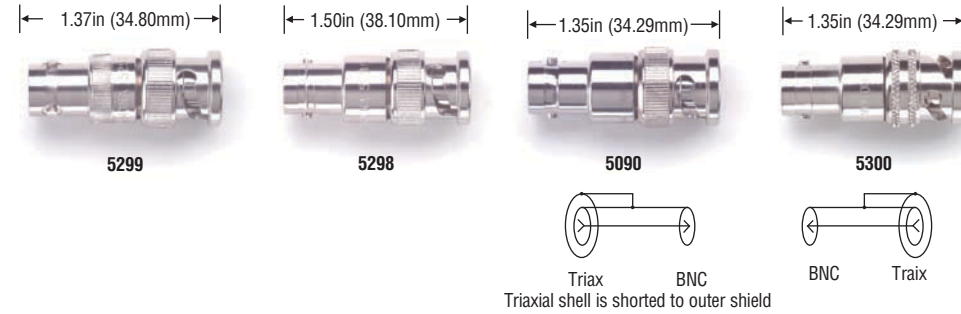
BNC to F



Model#	Type
6779	BNC (m)/F (f)
6780	BNC (f)/F (f)
6781	F (m)/BNC (f)
6782	BNC (m)/F (m)

BNC: *Shell:* tarnish resistant nickel-plated brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper (except as noted); *Dielectric:* PTFE.

Triaxial to BNC



Model#	Type
5090	BNC (f)/2 Lug Triax (m) adapter
5298	2 Lug Triax (f)/BNC (m) adapter
5299	3 Lug Triax (f)/BNC (m) adapter
5300	BNC (f)/3 Lug Triax (m) adapter

Triaxial: *Body:* tarnish resistant nickel-plated brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper; *Outer Contact:* gold-plated beryllium copper; *Dielectric:* PTFE.

BNC to TNC



Model#	Type
3844	BNC (f)/TNC (m)

Rating: Maximum voltage for *hands free use:* 500 Vrms*, -85°F to +325°F (-65°C to +165°C) (except as noted).

Impedance: 50Ω (except as noted).

BNC: *Shell:* tarnish resistant nickel-plated brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper (except as noted); *Dielectric:* PTFE.

BNC Female to Phono (RCA) Male

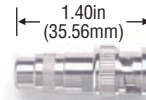


Model#	Type
5319	

Rating: *Hands free testing* in controlled voltage environment: 500 Vrms*, 216°F (+102°C) max.

BNC: *Center Contact:* gold-plated.

BNC Male to Phono Jack



Model#	Type
4054	

Rating: *Hands free testing* in controlled voltage environment: 500 Vrms*, +257°F (+125°C) max.

UHF to BNC



Model#	Type	Special Features
3286	BNC (f)/UHF (m)	Nonconstant Impedance
3287	BNC (m)/UHF (f)	Phos. Bronze Contact Nonconstant Impedance

Rating: Maximum voltage for *hands free use:* 335 Vrms*, -85 to +325°F (-65 to +165°C) (except as noted).

Impedance: 50Ω (except as noted).

UHF: *Shell:* tarnish resistant nickel-plated brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper (except as noted); *Dielectric:* PTFE.



3286

BNC Female to 1/4in (6.35mm) Phone Plug



Model#	Type
1297	

Rating: *Hands free testing* in controlled voltage environment: 500 Vrms*, +257°F (+125°C) max.

Convert 2 conductor audio jacks to BNC.

BNC Female to Two Conductor, 0.14in (3.5mm) Dia. Mini Phone Plug



Model#	Type
3837	

Rating: *Hands free testing* in controlled voltage environment: 500 Vrms*, +257°F (+125°C) max.

Convert 2 conductor audio jacks to BNC.

Type N to BNC



Model#	Type	Special Features
3535	BNC (m)/N (f)	
3288	BNC (f)/N (m)	Beryllium Copper Male Contact

Rating: Maximum voltage for *hands free use:* 500 Vrms max., -85 to +325°F (-65 to +165°C) (except as noted).

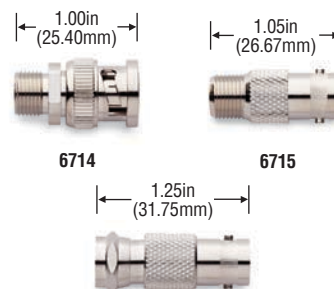
Impedance: 50Ω (except as noted).

N: *Shell:* tarnish resistant nickel-plated brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper (except as noted); *Dielectric:* PTFE.



3288

F Between Series Adapters



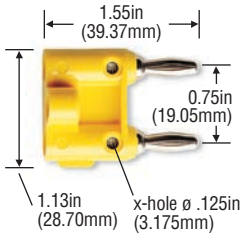
Model#	Type
6714	BNC (m)/F (f)
6715	BNC (f)/F (f)
6716	F (m)/BNC (f)

BNC: *Shell:* tarnish resistant nickel-plated brass; *Center Contact:* male: gold-plated brass; female: gold-plated beryllium copper (except as noted).

Dielectric: PTFE.

*see rating message at start of section.

Double Banana Plug with Wire Guide, Stackable, Solderless



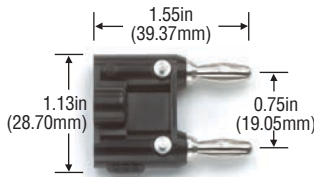
Model#	Plating	Insulation	*Std. Colors
MDP-*	Nickel	ABS	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet-8 Gray, -9 White
4892-*	Gold	ABS	-0 Black, -2 Red
4898-*	Nickel	Polyphenylene Sulfide	-0 Black, -6 Blue
4914			Set screws 8-32 x 0.210in (5.33mm), 100/pk

Set screws secure wire. Simplifies cable construction or component mounting. Accepts cables to 0.22in (5.59mm) dia. max., (18-22 AWG wire).

Material: *Banana Plug/Jack:* brass; *Spring:* heat treated beryllium copper; *finish:* nickel plating.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +122°F (+50°C) (Model 4898, +302°F (+150°C) max.).

Double Banana Plug with Solder Turret Terminals



Model# MDP-ST

Similar to MDP above except with bright tin plated solder turrets. Accepts cables to 0.215in (5.46mm) dia. max.

Material: *Banana Plug/Jack:* brass; *Spring:* heat treated beryllium copper; *Finish:* nickel plating; *Insulation:* polypropylene.

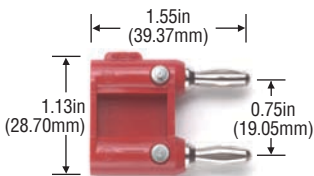
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +131°F (+55°C) max.

Color: Black

Model# 4914

Set screws 8-32 x 0.210in (5.33mm), 100/pk

Double Banana Plug with Solder Turret Terminals



Model# 1330-ST-*

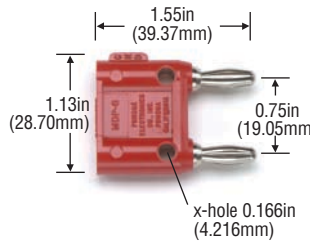
Similar to Model 1330 above, but features bright tin plated solder turrets.

Material: *Banana Plug/Jack:* brass; *Spring:* heat treated beryllium copper; *Finish:* nickel plating; *Insulation:* polypropylene.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +122°F (+50°C) max.

***Std. Colors:** -0 Black, -2 Red.

Double Banana Plug with Shorting Bar



Model# MDP-S-*

Banana plugs internally shorted with #18 AWG wire.

X-hole accepts standard banana plug.

Material: *Banana Plug/Jack:* brass; *Spring:* heat treated beryllium copper; *Finish:* nickel plating; *Insulation:* ABS.

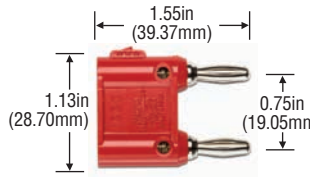
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +122°F (+50°C) max.

***Std. Colors:** -0 Black, -2 Red, -9 White.

Model# 4914

Set screws 8-32 x 0.210in (5.33mm), 100/pk.

Double Banana Plug, Stackable, Solderless



Model# 1330-*

Similar to MDP without cable loop.

Features recess for mounting small components with set screws.

Model 1330 has setscrews like MDP.

Material: *Banana Plug/Jack:* brass; *Spring:* heat treated beryllium copper; *Finish:* nickel plating; *Insulation:* ABS.

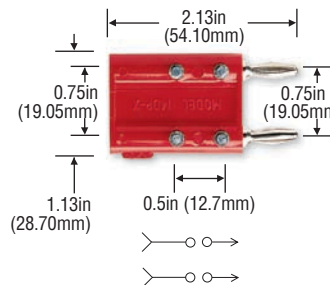
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +122°F (+50°C) max.

***Std. Colors:** -0 Black, -2 Red.

Model# 4914

Set screws 8-32 x 0.210in (5.33mm), 100/pk.

Isolated Double Banana Plug with Four Solder Terminals



Model# MDP-X

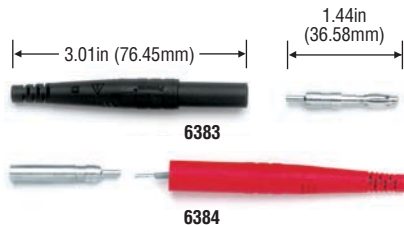
Use to make your own attenuator, balun or filter. Jacks are isolated from plugs.

Material: *Banana Plug/Jack:* brass; *Spring:* heat treated beryllium copper; *Finish:* nickel plating; *Insulation:* polypropylene; *Solder turrets:* bright tin plated.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +131°F (+55°C) max.

Color: Red.

Do-It-Yourself In-Line Sheathed (4mm) Banana Plug and Jack



Safety-rated plugs and jacks for use with any wire from 22 to 18 AWG with flexible insulation.

Attaches to wire by crimp or soldering.

Plugs fit most sheathed DMM jacks and DMM test leads to make up your own banana plug or jack test lead or jumper.

See mating panel jacks (6387 on page 33).

Material: Banana Plug/Jack: brass; Spring: heat treated beryllium copper; Insulation: Santoprene®.

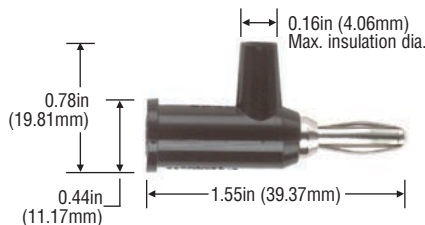
Rating: CAT II 300V, 15A, +275°F (+135°C) max.

*Std. Colors: -0 Black, -2 Red, -02 Black and Red (2 per pkg).

*Sold in pkgs of 10.

Model#	
6383-*	Plug
6383-02	
6384-*	Jack
6384-02	

Do-It-Yourself Solderless Stackup Banana Plug with Safety Shield



Internal set screw holds wire firmly.

Safety collar insulates exposed wire leads.

Accepts standard banana plug and fits 0.166in (4.22mm) dia. banana jack.

Material: Banana Plug/Jack: brass; Spring: heat treated beryllium copper.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for hands free use: 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +122°F (+50°C) max. (Model 4899, +302°F (+150°C) max.).

Accepts 18-22 AWG wire.

Model#	Plating	Insulation	Std. Colors
1825-*	Nickel	ABS	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White. Sold in pkgs of 10
4897	Gold	ABS	-0 Black, -2 Red
4899	Nickel	Polyphenylene Sulfide	-0 Black, -6 Blue Sold in pkgs of 10
6545	Nickel	ABS	Pkg of 1 ea. of all 10 colors

Do-It-Yourself Solderless Stackup Banana Plug



4914 set screws 8-32 x 0.210 (5.33mm), 100/pk.

Internal set screw holds wire firmly.

Accepts standard banana plug, fits standard 0.166in (4.22mm) dia. banana jack.

Material: Banana Plug/Jack: brass; Spring: heat treated beryllium copper.

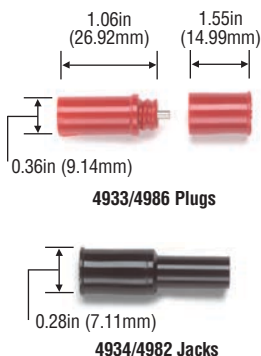
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for hands free use: 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +122°F (+50°C) max. (Model 5230, +302°F (+150°C) max.).

Accepts 18-22 AWG wire.

Model#	Plating	Insulation	Std. Colors
1325-*	Nickel	ABS	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.
5230	Nickel	Polyphenylene Sulfide	-0 Black, -6 Blue
5406	Gold	ABS	-0 Black, -2 Red
6546	Nickel	ABS	Pkg of 1 ea. of all 10 colors

*Sold in pkgs of 10.

Do-It-Yourself In-Line Sheathed Banana Plug/Banana Jack



Model#	Accepts wire AWG	Wire Access Hole	Description
4933-*	22, 20, 18	0.159in (4.04mm) Dia.	Plug
4934-*	22, 20, 18	0.159in (4.04mm) Dia.	Jack
4986-*	16, 14	0.200in (50.8mm) Dia.	Plug

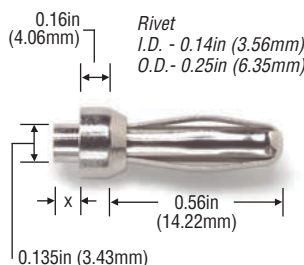
These plugs and jacks are designed to fit together and provide protection from accidental shorting.

Material: Banana Plug/Jack: brass; Spring: beryllium copper; Insulation: nylon.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for hands free use: 1200V ac/dc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +176°F (+80°C) max.

*Std. Colors: -0 Black, -2 Red.

Rivet Type Banana Plug



Model#	"X"	Panel
3257	0.094in (2.39mm)	0.062in (1.57mm)
3258	0.125 (3.17mm)	0.093in (2.36mm)

Excellent for riveting to panels or boards.

Fits standard 0.166in (4.22mm) dia. banana jack.

Material: Banana Plug Body: brass; Spring: beryllium copper; Finish: nickel plating.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for hands free use: 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A.

Sold in pkgs. of 10.

Rivet Type Banana Plug with Turret

Model# 3261

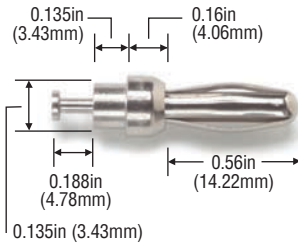
Excellent for riveting to panels or boards. Solder turret for rapid attachment of wires.

Fits standard 0.166in (4.22mm) dia. banana jack.

Material: *Banana Plug Body:* brass; *Spring:* beryllium copper; *Finish:* nickel plating.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A.

Sold in pkgs. of 10.



Banana Plug with Threaded Stud and Solder Lug

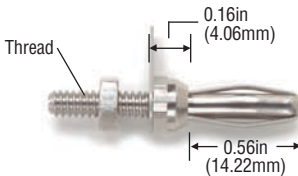
Model#	Thread
3263	6-32 x .50in (12.70mm)
3264	8-32 x .50in (12.70mm)
4512	8-32 x .63in (16.00mm)

Fits standard 0.166in (4.22mm) dia. banana jack.

Material: *Banana Plug Body:* brass; *Spring:* beryllium copper; *Finish:* nickel plating.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A.

Sold unassembled, in pkgs. of 10.



Insulated Banana Plug and Jack with Flexible Boot, Solder or Crimp

Model#	Accepts wire AWG	Type	Mates with...
5167-*	22, 20, 18	Jack	Plug 5169
5168-*	16, 14		Plug 5170
5169-*	22, 20, 18	Plug	Jack 5167
5170-*	16, 14		Jack 5168

Ideal for making patch cords or field repairs. Snap-on flexible PVC boot allows wire to be crimped or soldered to banana plug or jack.

Fits standard 0.166in (4.22mm) dia. banana jack.

Material: *Boot:* Banana Plug Body: brass; *Spring:* beryllium copper; *Finish:* nickel plating; *Jack:* nickel plated brass.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +122°F (+50°C) max.

*Std. Colors: -0 Black, -2 Red.



5169/5170 Boots



5167/5168 Jacks

Banana Plug with Screw and Soldering Lug

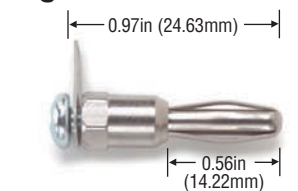
Model#	Thread
3265	6-32 x 0.25in (6.35mm)
3266	8-32 x 0.25in (6.35mm)

Fits standard 0.166in (4.22mm) dia. banana jack.

Material: *Banana Plug Body:* brass; *Spring:* beryllium copper; *Finish:* nickel plating.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A.

Sold unassembled, in pkgs. of 10.



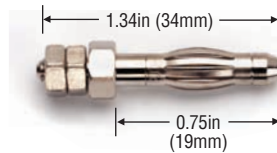
4mm Banana Plug with Threaded M3 Stud

Model# 72918

4mm plug with threaded M3 stud, 2 nuts; 12mm (0.5in) stud length.

Sold unassembled, in pkgs. of 10.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 36A.



Panel Mount IEC61010 Banana Jacks for Sheathed Plugs

Model#	Color	Terminal
72912-0	Black	Threaded Stud
72912-2	Red	
72913-0	Black	Solder Tab
72913-2	Red	
72930*		Threaded Stud, Hexagonal Nut

Material: Gold-plated nickel (72912 and 72913).

Rating: 1000V Cat III, 36A Max.

*Std. Colors: -0 Black, -1 Brown, -2 Red, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

Sold in packages of 10 per color.



72912



72913



72930

Panel Mount IEC61010 4 mm (0.16in) Banana Jack for Sheathed Plugs

Model# 5931-*

Accepts flexible test lead sets 5907A, 5908A, 5909A.

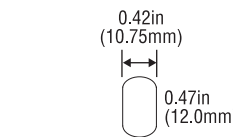
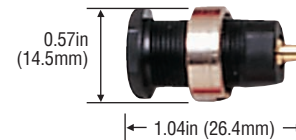
Max. Panel Thickness: 0.28in (7.0mm).

Insulation: Nylon.

Rating: 1000 V Cat III per IEC61010-031 and IEC61010-1, 25A.

*Std. Colors: -0 Black, -2 Red, -6 Blue, -9 White.

Sold in pkgs. of 10 per color.



Panel Cut-Out

Banana Jack with Wire Wrap Terminal

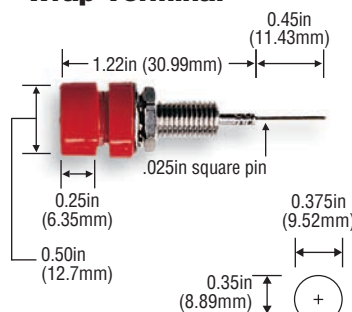
Model# 4005-*

Material: *Jack:* nickel-plated brass; *Terminal:* gold-plated phosphor bronze; *Insulation:* polycarbonate.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 3A, +239°F (+115°C) max.

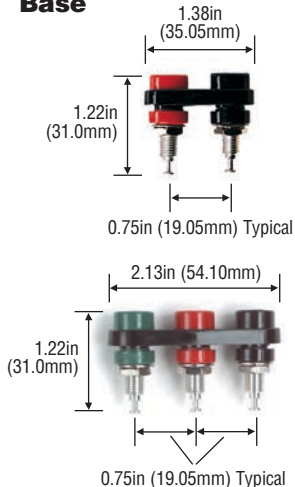
*Std. Colors: -0 Black, -2 Red.

Sold in pkgs. of 10 per color.



Panel Cut-Out

Panel Mount Banana Jacks with Mounting Base



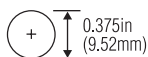
Model#	Mounting Base
2269-*	Double
5233-0	Double High-Temp
4601-*	Triple

Mounts in panels from 0.063in (1.60mm) to 0.375in (9.53mm) thick. One black, one red. Triple has green.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A.

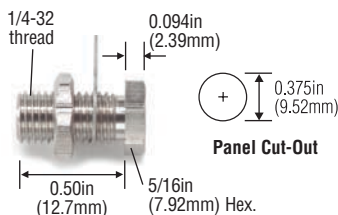
Temp: +239F (+115°C) [5233-0: +220°F (+428°C)].

*Mounting base color: -0 Black, -2 Red.



Panel Cut-Out

Uninsulated Banana Jack



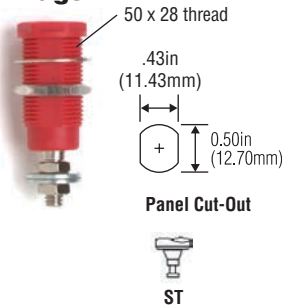
Model# 3267

Fits standard banana plug.

Material: nickel-plated brass.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A.

Panel Mount Banana Jacks for Sheathed Plugs



Model#	Std. Colors
6387-ST-T-*	-0 Black, -2 Red

These banana jacks fit most DMM plugs and all sheathed Pomona plugs. Available with several different terminals. Threaded and press-in style.

Rating: Designed to meet IEC61010 CAT III 1000 Vrms., 15A.

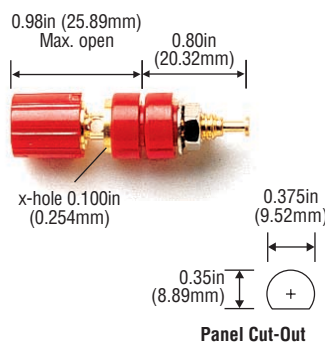
Sold in packages of 10.

Comes with Hex Nut and Lock Washer.

6387-T-P-C

Color Options: -0 Black, -2 Red.
Plating Option: T= Tin
Terminal Type: ST = Solder Turret

Binding Posts



Model#	Material
3750-*	Gold-plated brass
3760-*	Bright tin-plated brass
3770-*	Gold-plated tellurium copper

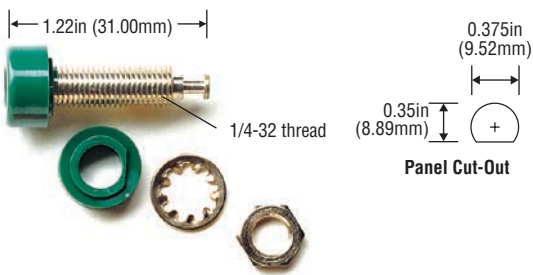
Insulation: Polycarbonate.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +239F (+115°C) max.

*Std. Colors: 3750 and 3760: all 10 colors. 3770: -0 Black, -2 Red.

Sold unassembled.

Panel Mount Banana Jack



Model#	Plating	Insulation	Std. Colors
1581-*	Bright tin	Polycarbonate	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White
2854-*	Gold	Polycarbonate	-0 Black, -1 Brown, -2 Red, -4 Yellow, -5 Green, -6 Blue, -8 Gray, -9 White
4900-*	Bright tin	Polyphenylene Sulfide	-0 Black, -6 Blue

Mounts in panels ranging in thickness from 0.063in (1.60mm) to 0.375in (9.53mm).

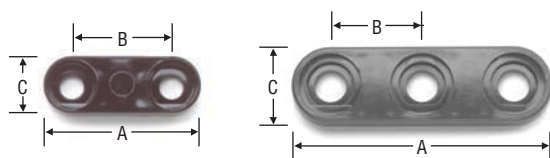
Material: Brass.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 2500 Vdc. Do not use on circuits where

transient stresses can exceed the rated voltage. 15A, +239F (+115°C) max. (Model 4900, +428F (+220°C) max.).

Sold in pkgs. of 10 per color.

Binding Post/Banana Jack Mounting Bases



For binding post models 3750, 3760, 3770

Model#	Type	Used with	A	B	C
3862-*	Double	Standard	1.19in (30.22mm)	0.75in (19.05mm)	0.44in (11.18mm)
3863-*	Triple	Binding Posts	1.94in (49.28mm)	0.75in (19.05mm)	0.44in (11.18mm)
4590-*	Triple	Banana Jacks	2.13in (54.10mm)	0.75in (19.05mm)	0.63in (16.00mm)
4614-*	Triple	Banana Jacks	1.38in (35.05mm)	0.50in (12.70mm)	0.38in (9.65mm)
4619-*	Double	Miniature	0.87in (22.09mm)	0.50in (12.70mm)	0.38in (9.65mm)
4654-*	Double	Standard	1.38in (35.05mm)	0.75in (19.05mm)	0.63in (16.00mm)

Mount banana jacks and binding posts at standard 0.75in (19.05mm) spacing.

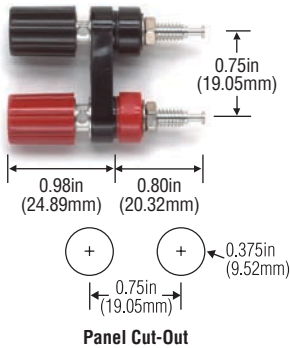
Material: polycarbonate

Rating: +239F (+115°C) Max.

*Std. Colors: -0 Black.

Sold in pkgs. of 10.

Binding Post with Double Mounting



Model# 4243-*

Accepts standard banana plugs and 0.080in (2.03mm) pin tips, wires and probe tips in 0.10in (2.54mm) cross-hole.

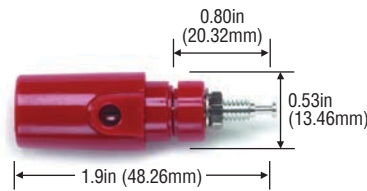
One black and one red binding post.

Material: *Binding Post:* bright tin-plated brass; *Insulation:* polycarbonate.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +239°F (+115°C) max.

*Mtg. Base Colors: -0 Black, -2 Red.

Spring Loaded Binding Post



Model# 4770-*

Mounts in panels from 0.06in (1.6mm) to 0.38in (9.53mm) thick.

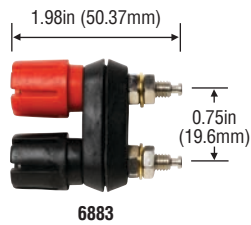
Accepts wires or plugs up to 0.08in (2.16mm) dia. with insulation up to 0.16in (4.06mm).

Material: *Body:* tin plated brass; *Insulation:* polycarbonate.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 630 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +239°F (+115°C) max.

*Std. Colors: -0 Black, -2 Red.

Dual Binding Posts

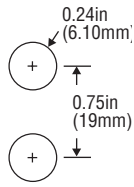
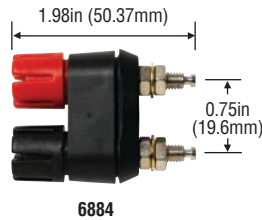


Model#	Base
6883	Standard
6884	Raised Base

5-way binding post with 3.91 mm (0.154 in) cross-hole that accepts up to 12 AWG wire and standard banana plugs. Posts are spaced at the standard 3/4 inch spacing to mate to dual banana plugs.

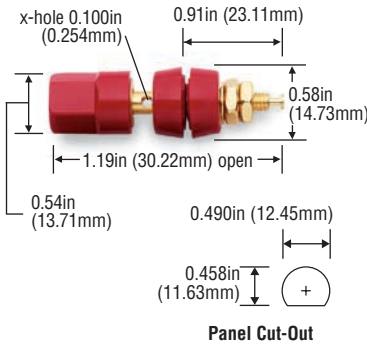
Material: *Binding Post:* nickel-plated brass. *Insulators:* nylon.

Rating: 30A current.



Panel Cut-Out for 6883/6884

Hex Head Binding Post



Model# 5018-*

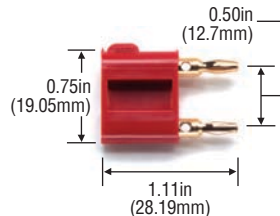
Meets MIL-P-55149/1A.

Material: *Binding Post Body, Nuts, Lockwasher:* gold-plated brass; *Insulation:* Nylon MIL-P-20693.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 1500 Vrms. Do not use on circuits where transient stresses can exceed the rated voltage. 30A, +176° (+80°C) max.

*Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White.

Miniature Double Banana Plug with Set Screws, Stackable, Solderless



Model# 2244-*

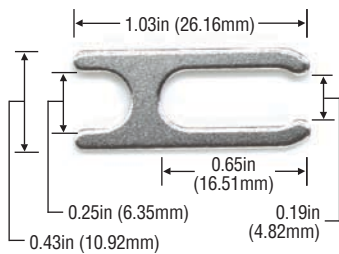
Internal set screws secure cable up to 0.15in (3.81mm) dia. or components. Plugs fit miniature 0.104in (2.64mm) dia. jacks.

Material: *Banana Plug/Jack:* brass; *Spring:* beryllium copper; *Finish:* gold plating; *Insulation:* ABS

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +122°F (+50°C) max.

*Std. Colors: -0 Black, -2 Red.

Shorting Link for Standard Binding Posts



Model# 4115

Solid shorting link for binding posts.

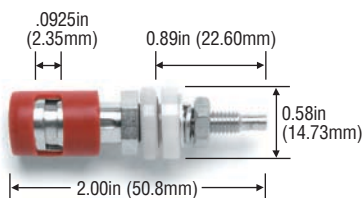
Material: nickel-plated brass.

Rating: 15A.

Sold in pkgs. of 10.

Fits Binding Posts on 0.750in (19.05mm) centers.

Spring Loaded Binding Post



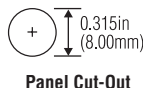
Model# 4995-*

Meets MIL-P-55149/8.

Silicone rubber O-rings provide water resistant seal when mounted in panels from 0.062in to 0.125in (15.75mm to 3.18mm) thick.

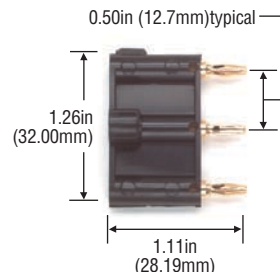
Material: Nickel-plated brass.

*Std. Colors: -0 Black, -2 Red.



Panel Cut-Out

Miniature Solderless Type Triple Banana Plug with Wire Guide



Model# 4653-0

Use for balanced line 2 conductor shielded cable assemblies.

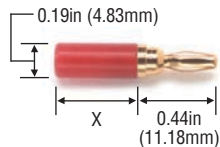
Material: *Banana Plug/Jack:* brass; *Spring:* beryllium copper; *Finish:* gold plating; *Insulation:* ABS.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +122°F (+50°C) max.

Cable strain relief I.D. 0.19in (4.82mm). Setscrews secure wires.

Miniature Solder Type Banana Plug

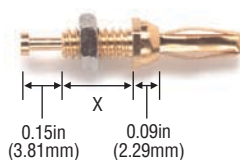
Model#	Insulator Length (X)
3690-*	0.45in (11.43mm)
4617-*	1.00in (25.14mm)



Sold in pkgs. of 10
Material: *Banana Plug Body:* brass; *Spring:* beryllium copper; *Finish:* gold plating; *Insulation:* nylon.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +176°F (+80°C) max.
***Std. Colors:** -0 Black, -2 Red.
 Fits miniature 0.104in (2.64mm) dia. banana jacks.

Miniature Banana Plug with Threaded Stud

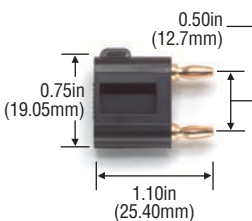
Model#	X Length
3276	0.230in (5.84mm)
4513	0.480in (12.19mm)



Fits miniature 0.104in (2.64mm) dia. banana jacks. Furnished with 4-40 hex nut, 4-40 threaded stud.
Material: *Banana Plug Body:* brass; *Spring:* beryllium copper; *Finish:* gold plating.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A.
 Sold unassembled, in pkgs. of 10.

Miniature Double Banana Plug with Shorting Bar

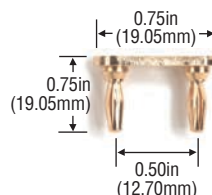
Model#	2035-*
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Plugs fit miniature 0.104in (2.64mm) dia. banana jacks.
 Banana plugs internally shorted with 18 AWG wire.
Material: *Banana Plug/Jack:* brass; *Spring:* beryllium copper; *Finish:* gold plating; *Insulation:* ABS.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +122°F (+50°C) max.
***Std. Colors:** -0 Black, -2 Red.

Miniature Double Banana Plug Shorting Bar

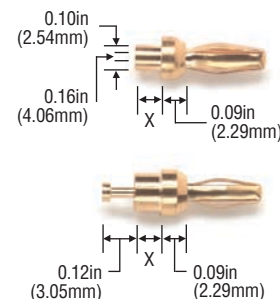
Model#	3030
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Center hole accepts 4-40 screw.
Material: *Banana Plug Body:* brass; *Spring:* beryllium copper; *Finish:* gold plating.
Rating: 5A. Resistance less than 1.5 m.
 Fits Miniature Binding Posts and Miniature Banana Jacks on 0.5in (12.70mm) centers.

Miniature Rivet Type Banana Plug

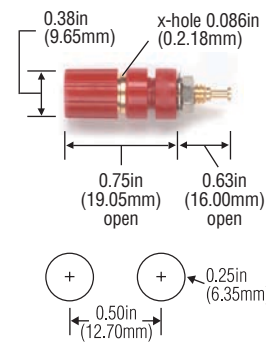
Model#	Panel	X Dim.
3268	0.062in (1.57mm)	0.094in (2.39mm)
3271	0.093in (2.36mm)	0.125in (3.17mm)
3272	0.125in (3.17mm)	0.156in (3.96mm)



Fits miniature 0.104in (2.64mm) dia. banana jacks.
Material: *Banana Plug Body:* brass; *Spring:* beryllium copper; *Finish:* gold plating.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A.
 Sold in pkgs. of 10.

Miniature Binding Post

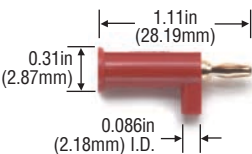
Model#	Plating
2382-*	Gold
2439-*	Tin



Accepts miniature banana plug.
 8-32 hex nut and lockwasher included.
Material: *Binding Post Body, Nut:* brass; *Lockwasher:* steel; *Insulation:* polycarbonate.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 1500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +239°F (+115°C) max.
***Std. Colors:** -0 Black, -2 Red, -5 Green, -6 Blue.

Do-It-Yourself Miniature Banana Plug with Safety Shield, Stackable, Solderless

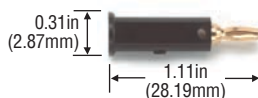
Model#	2945-*
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Fits miniature 0.104in (2.64mm) dia. banana jacks. Wire firmly held in place with internal set screw.
Material: *Banana Plug/Jack:* brass; *Spring:* beryllium copper; *Finish:* gold plating; *Insulation:* ABS
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +122°F (+50°C) max.
***Std. Colors:** -0 Black, -2 Red.

Do-It-Yourself Miniature Banana Plug, Stackable, Solderless

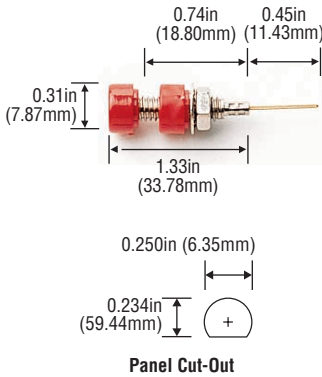
Model#	2944-*
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Fits miniature 0.104in (2.64mm) dia. banana jacks. Wire firmly held in place with internal set screw.
Material: *Banana Plug/Jack:* brass; *Spring:* beryllium copper; *Finish:* gold plating; *Insulation:* ABS.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +122°F (+50°C) max.
***Std. Colors:** -0 Black, -2 Red.

Miniature Banana Jack with Wire Wrap Terminal

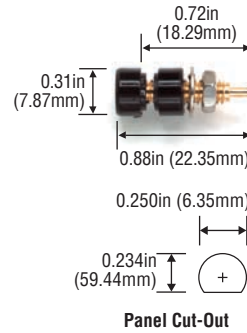
Model# 4022-*



Accepts miniature banana plugs.
Mounts in panels up to 0.250in (6.35mm) thick.
Material: Jack: nickel-plated brass; Terminal: gold-plated phosphor bronze; Insulation: polycarbonate.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 1500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 3A, +239°F (+115°C) max.
***Std. Colors:** -0 Black, -2 Red.
Sold unassembled, in pkgs. of 10.

Miniature Banana Jack, Panel Mount

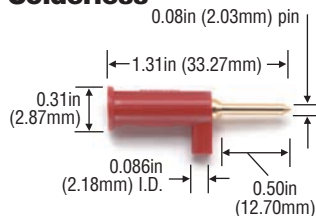
Model# 2142-*



Accepts miniature banana plugs. Mounts in panels up to 0.250in (6.35mm) thick.
Material: gold-plated brass; Insulation: polycarbonate.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 1500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +239°F (+115°C) max.
***Std. Colors:** -0 Black, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -9 White.
Uses hex nut 6440.
Sold unassembled, in pkgs. of 10 per color.

Do-It-Yourself Pin Tip Plug with Safety Shield, Stackable, Solderless

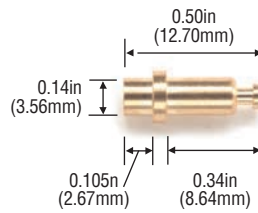
Model# 3548-*



Accepts miniature banana plug.
Wire firmly held in place with internal set screw.
Material: Pin Tip Plug/Jack: gold-plated brass; Insulation: ABS.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 3000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +122°F (+50°C) max.
***Std. Colors:** -0 Black, -2 Red.

Miniature Rivet Type Banana Jack with Turret

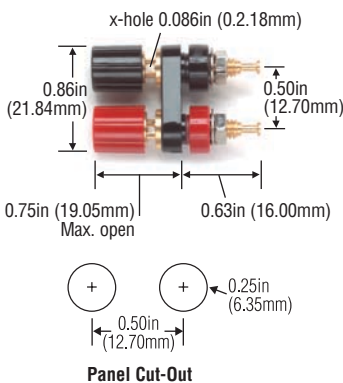
Model# 3277



Accepts miniature banana plugs.
Mounts in panels up to 0.062in (1.57mm) thick.
Material: Gold-plated brass.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 1500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A.
Sold in pkgs. of 10.
Rec. Mounting Hole: .140 ± .002 (9/64 Drill).
Panel Thickness: 0.062in (1.57mm)

Miniature Insulated Binding Post with Double Mounting Base

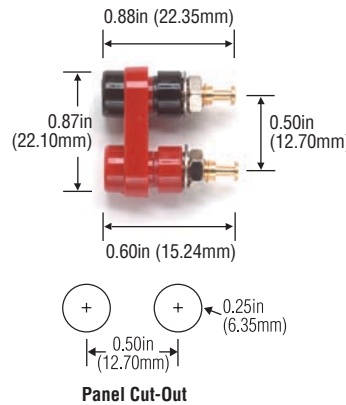
Model#	Plating
2383-*	Gold
2440-*	Tin



Accepts miniature banana plugs.
8-32 hex nut and lockwasher included.
Material: Binding Post Body, Nut: brass; Lockwasher: steel; Insulation: polycarbonate.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 1500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +239°F (115°C) max.
***Mounting Base Colors:** -0 Black, -2 Red.
***Std. Colors:** 2383: -0 Black, -2 Red. 2440: -0 Black.

Miniature Banana Jack in Double Mounting Base, Panel Mount

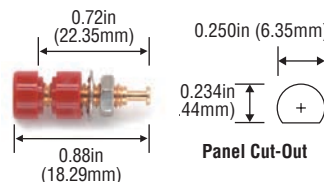
Model# 2143-*



Accepts miniature banana plugs. Mounts in panels up to 0.188in (4.78mm) thick.
Material: gold-plated brass; Insulation: polycarbonate.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 1500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +239°F (+115°C) max.
***Std. Mounting Base Colors:** -0 Black, -2 Red.
Colors: One black and one red jack.

Pin Tip Jack

Model# 3542-*



Accepts 0.080in (2.03mm) dia. pin.
Material: Jack: gold-plated brass; Spring: beryllium copper; Insulation: polycarbonate.
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 1500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +239°F (115°C) max.
***Std. Colors:** -0 Black, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -9 White.
Sold in pkgs. of 10.

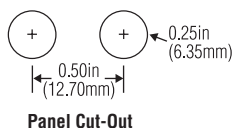
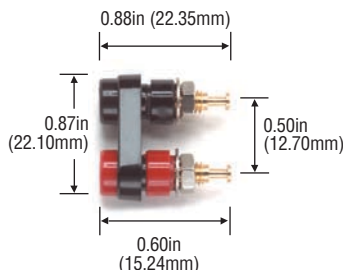
Pin Tip Jacks with Double Mounting Base

Model# 4543-*

Accepts 0.08in (2.03mm) dia. pin.
Max. panel thickness 0.188in (4.78mm).
Material: *Jack:* gold-plated brass; *Spring:* beryllium copper; *Insulation:* polycarbonate.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 1500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +239°F (115°C) max.

***Mtg. Base Colors:** -0 Black, -2 Red.



2mm Banana Jack

Model# 5935-*

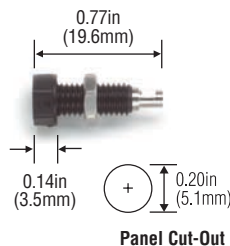
Max. Panel Thickness: 0.31in (8mm).
Material: *Insulation:* nylon; *Finish:* nickel plating.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, ≤ 2 mΩ.

***Std. Colors:** -0 Black.

Sold in pkgs. of 10 per color.

Not compatible with Miniature Banana Plug or Pin Tip.



Panel Cut-Out

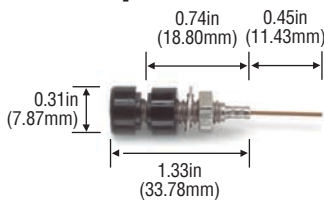
Insulated Pin Jack with Wire Wrap Terminal

Model# 4773-*

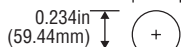
Accepts 0.080in (2.03mm) dia. pin.
Max. panel thickness 0.25in (6.35mm).
Material: *Jack:* nickel-plated brass; *Spring:* gold-plated beryllium copper; *Terminal:* gold-plated phosphor bronze; *Insulation:* polycarbonate.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 1500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 3A, +239°F (+115°C) max.

***Std. Colors:** -0 Black, -2 Red, -6 Blue, -9 White.



0.250in (6.35mm)



Panel Cut-Out

2mm Banana Plug

Model# 5936-*

Solder type wire connection.
Accepts 18-22 AWG wire.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 500 Vrms. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, ≤ 2 mΩ.

***Std. Colors:** -0 Black, -2 Red.

Assembled Length: 1.07in (27.2 mm).

Sold unassembled, in pkgs. of 10 per color.

Not compatible with Miniature Banana Plug or Pin Tip.



0.16in (4.1mm)

Miniature Banana Jack to Banana Plug

Model# 2477-*

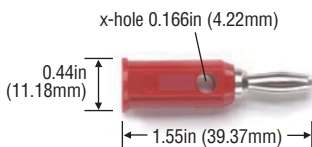
Converts miniature banana plugs to standard.

Material: *Jack:* nickel-plated brass; *Spring:* nickel-plated beryllium copper; *Insulation:* ABS.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 2500 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +122°F (+50°C) max.

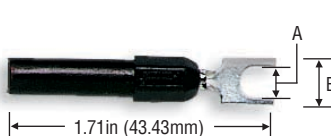
***Std. Color:** -0 Black, -2 Red.

Sold in pkgs. of 10.



Spade Lug to DMM Banana Jack

Model#	A	B	Lug Size
3744A-*	0.14in (3.56mm)	0.24in (6.10mm)	4, 5, 6
3777A-*	0.2in (5.0mm)	0.30in (7.7mm)	8, 10



Plugs into DMM leads. Permits DMM leads to be used with equipment having barrier strips, or binding post.

Material: *Banana Jack:* nickel-plated brass; *Spade Lug:* tin-plated copper; *Insulation:* polypropylene.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +122°F (+50°C) max.

***Std. Colors:** -0 Black, -2 Red, -02 Set of one black and one red.

Low Thermal EMF Insulated Spade Lug to Banana Jack

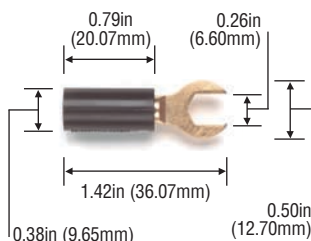
Model# 2305

Special alloy and plating preserve the accuracy of low voltage measurement equipment. Thermal effects are minimized. Heavy construction for minimum voltage loss. Mates with low voltage banana plug patch cords and binding posts.

Material: *Jack and Spade Lug:* gold-plated tellurium copper; *Insulation:* ABS.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +122°F (+50°C) max.

Set of one red and one black.



Do-It-Yourself In-Line 4 mm (0.16in) Banana Plug

Model# 5934-*

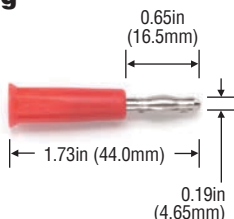
Wire connection by set screw. Accepts 18, 20 and 22 AWG wire.

Material: *Insulation:* Nylon.

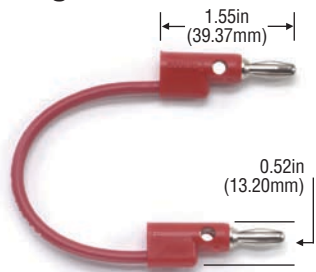
Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use:* 750 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 25A.

***Std. Colors:** -0 Black, -2 Red.

Sold in pkgs. of 10 per color.



Multi-Stacking Banana Plug Patch Cord



Model B: Multi-Stacking Banana Plug Patch Cord features a nickel-plated finish.

Cable: 18 AWG Wire, 0.144in (3.56mm) O.D.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +131°F (+55°C) max.

*Std. Colors: Available in 10 Colors.

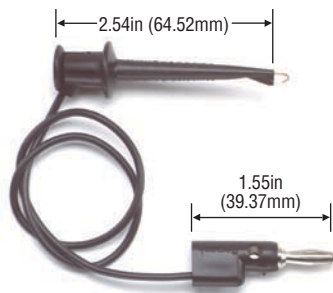
Model#	Length
B-4-*	4in (0.1m)
B-8-*	8in (0.2m)
B-12-*	12in (0.3m)
B-18-*	18in (0.5m)
B-24-*	24in (0.6m)
B-36-*	36in (0.9m)
B-48-*	48in (1.2m)
B-60-*	60in (1.5m)
B-72-*	72in (1.8m)

Model#	Length	Special Features
2948-12-*	12in (0.3m)	Gold-plated finish
2948-24-*	24in (0.6m)	
2948-36-*	36in (0.9m)	
2948-48-*	48in (1.2m)	
2948-60-*	60in (1.5m)	

Model 2948 Multi-Stacking Banana Plug Patch Cord features a gold-plated finish.

*Std. Colors: -0 Black, -2 Red.

Multi-Stacking Banana Plug to Minigrabber® Test Clip



Model#	Length
3782-12-*	12in (0.3m)
3782-24-*	24in (0.6m)
3782-36-*	36in (0.9m)
3782-48-*	48in (1.2m)
3782-60-*	60in (1.5m)

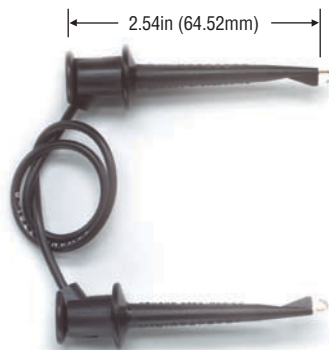
Hook attaches to component leads up to 0.060in (1.52mm) O.D.

Cable: 20 AWG Wire, 0.087in (2.21mm) O.D.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 300V. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +131°F (+55°C) max.

*Std. Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue.

Minigrabber® Test Clip Patch Cord



Model#	Length
3781-8-*	8in (0.2m)
3781-12-*	12in (0.3m)
3781-18-*	18in (0.5m)
3781-24-*	24in (0.6m)
3781-36-*	36in (0.9m)
3781-48-*	48in (1.2m)
3781-60-*	60in (1.5m)

Hook attaches to component leads up to 0.060in (1.52mm) O.D.

Cable: 20 AWG Wire, 0.087in (2.21mm) O.D.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 300V. Do not use on circuits where transient stresses can exceed the rated voltage. 5A, +216°F (+102°C) max.

*Std. Colors: Available in 10 colors.

Horizontal Stacking Banana Plug Patch Cord



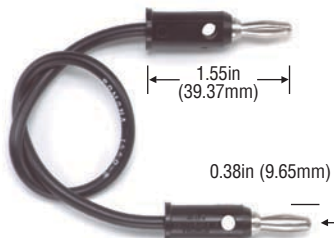
Model#	Length
HB-12-*	12in (0.3m)
HB-24-*	24in (0.6m)
HB-36-*	36in (0.9m)
HB-48-*	48in (1.2m)
HB-60-*	60in (1.5m)

Cable: 18 AWG Wire, 0.144in (3.56mm) O.D.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +131°F (+55°C) max.

*Std. Colors: -0 Black, -2 Red.

Cross Stacking Banana Plug Patch Cord



Model#	Length
1440-12-*	12in (0.3m)
1440-18-*	18in (0.5m)
1440-24-*	24in (0.6m)
1440-36-*	36in (0.9m)
1440-48-*	48in (1.2m)
1440-60-*	60in (1.5m)

Cable: 18 AWG Wire, 0.144in (3.56mm) O.D.

Rating: For CE compliance and for personal safety, do not hold in hand when voltages exceed 33 Vrms/70 Vdc. Maximum voltage for *hands free use*: 5000 Vdc. Do not use on circuits where transient stresses can exceed the rated voltage. 15A, +131°F (+55°C) max.

*Std. Colors: -0 blk, -2 red.

Minigrabber® Test Clip with Banana Jack



Model# 4723-*

Banana Jack built into plunger.
Overall Length: 2.54in (64.52mm).
Rating: Maximum voltage for *hands free use*: 300V. 5A, 216°F (+102°C) max.
***Std Colors:** -0 Black, -2 Red.

Do-It-Yourself Minigrabber® Test Clips



Model#	Max. Wire Dia.	Temperature
3925-*	0.090in (2.29mm)	216°F (102°C)
4555-*	0.144in (3.55mm)	300°F (149°C)

Overall Length: 2.54in (64.52).
Rating: Maximum voltage for *hands free use*: 300V. 5A, 302°F (+150°C) max.*
Std Colors: -0 Black, -2 Red.

Model#	Features
4176-02	Kit contains 2 pcs. of 3925, one black/one red
5522	Kit contains 10 pcs. of 3925, one of each color

Do-It-Yourself SMD Grabber® Test Clips



Model#	Features
5520	Kit containing 10 pcs of 5243 one of each color

Pincer type contact designed for testing 0.05in (1.27mm) lead pitches such as SOJ, SOIC and PLCC surface mounted packages.
Overall Length: 1.71in (43.43mm).
Wire Opening: 0.09in (2.29mm) dia. max.
Rating: Maximum voltage for *hands free use*: 150V. 0.5A, 216°F (+102°C) max.
Colors: -0 Black, -2 Red, -4 Yellow, -5 Green, -9 White.

Do-It-Yourself Micrograbber® Test Clips



Model#	Features
4233-*	-0 Black, -2 Red, -5 Green, -9 White

Overall Length: 1.71in (43.43mm).
Material: Gold plated brass
Rating: 150V, 3A, +216°F (+102°C) max.

Do-It-Yourself Minipincer® Test Clip



Model# 5418-*

Pincer type contact.
Overall Length: 2.59in (65.79mm).
Rating: Maximum voltage for *hands free use*: 300V. 5A, 176°F (+80°C) max.
***Std Colors:** -0 Black, -2 Red

Alligator Test Clip to Banana Jack, with Insulator, Solderable



Model#	Plating	Features
2240-*	Nickel	10 clips and insulators/pkg.
3289-*	Gold	1 clip and insulator/pkg.
6567	Nickel	10 clips w/o insulators/pkg.

Jaw Opening: Alligator clip has 0.30in (7.62mm) max.
Overall Length: 2.16in (54.86mm).
Rating: Maximum voltage for *hands free use*: 150V. 5A, 122°F (+50°C) max.
***Std Colors:** -0 Black, -2 Red.
 Sold unassembled.

SMD/Micro Format Test

Do-it-yourself 2mm Stackable Safety Sheathed Plug



Model#	Color
72925-0	Black
72925-2	Red

Rating: 600V Cat II 10A.

2mm Safety Sheathed Jack with Solder Tab



Model#	Color
72922-0	Black
72922-2	Red

Materials: *Contacts:* Nickel plated brass, *Insulation:* Polyamide.
Rating: 600V Cat II, 10A.

2mm Safety Sheathed Jacks



Model#	Color
72921-0	Black
72921-2	Red

2mm safety sheathed jack with 1.9mm wire wrap connecting pin.
Materials: *Contacts:* Nickel plated brass, *Insulation:* Polyamide.
Rating: 600V Cat II, 10A.

XLR Straight Cable Connectors — General Duty



5125A



5126A

Model#	Type	Pins	Shell	Contacts	Lbs of Pull
5125A	(f)	5	Nickel	Silver	45
5126A	(m)	5	Nickel	Silver	45
6850	(f)	3	Black Nickel	Gold	45
6851	(m)	3	Black Nickel	Gold	45
7283	(m)	3	Nickel	Silver	45
7284	(f)	3	Nickel	Silver	45

Streamlined profile with compact shell. Time saving assembly (3 parts). No set screws. Solderable.

XLR Female Panel Receptacle, 5-Pin

6854



5-pin XLR rectangular panel mount receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant nickel plating. Solder cup terminations. Front mountable.

XLR (M) Panel Receptacle, 5-Pin

6855



5-pin XLR rectangular panel mount male receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant nickel plating. Solder cup terminations. Front mountable.

XLR (F) 3-Pin Square Flanged Panel Receptacle

7115



3-pin XLR square panel mount female receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant black nickel plating and gold plated contacts. Solder cup terminations. Front mountable.

XLR Female, 4-Pin, Rectangular Flanged Panel Mount

7107



4-pin XLR rectangular panel mount receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant nickel plating. Solder cup terminations. Front mountable.

XLR Female Panel Receptacle, 3-Pin

5113A



3-pin XLR rectangular panel mount receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant nickel plating. Solder cup terminations. Front mountable.

XLR Female 3-Pin, Rectangular Flanged Panel Mount

7108



3-pin XLR rectangular panel mount receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant black nickel plating. Solder cup terminations. Front mountable.

XLR Male Panel Receptacle, 3-Pin

5117A



3-pin XLR rectangular panel mount male receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant nickel plating. Solder cup terminations. Front mountable.

BNC Female to Phono (RCA) Male



Model# 5319

Rating: Maximum voltage for *hands free use:* 500 Vrms, 216°F (+102°C) max.
BNC: Center Contact: gold-plated.

BNC Male to Phono Jack



Model# 4054

Rating: Maximum voltage for *hands free use:* 500 Vrms, +257°F (+125°C) max.

BNC Female to 1/4in (6.35mm) Phone Plug



Model# 1297

Rating: Maximum voltage for *hands free use:* 500 Vrms, +257°F (+125°C) max.
Convert 2 conductor audio jacks to BNC.

BNC Female to Two Conductor, 0.14in (3.5mm) Dia. Mini Phone Plug



Model# 3837

Rating: Maximum voltage for *hands free use:* 500 Vrms, +257°F (+125°C) max.
Convert 2 conductor audio jacks to BNC.

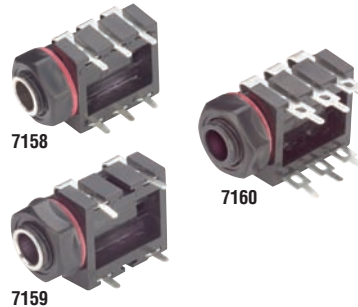
1/4 in, Panel Mount Phone Jacks



Model#	Type
7156	2-conductor
7157	3-conductor

Designed for insulated panel mount with low internal contact resistance. Body is diecast zinc alloy with tarnish resistant nickel plating. Hardware includes one copper alloy nickel-plated hex nut, and one steel nickel-plated washer.

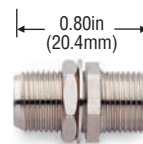
1/4 in, PC Board Mount Phone Jacks



Model#	Type
7158	PC board mount, 3-conductor
7159	PC board mount, 2-conductor
7160	PC board mount, 3-conductor

PC board mounts for connection with standard commercial phone plugs. Solderable with nickel silver contacts.

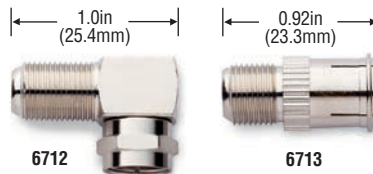
F Female to Female Bulkhead Receptacle



Model# 6706

In line, with nut and washer
Material: Machined, nickel-plated brass.

F Within Series Adapters



Model#	Type
6712	F (m/f) Right angle
6713	F (m/f) In line, Push-on
6800	F (m/f) Right angle

Material: Machined, nickel-plated brass

RCA (phono) Jack



6880

Sleek silver and gold compact design. Handles up to 6.0 mm (0.24 in) O.D. cable. Body is made of die cast zinc alloy with tarnish resistant nickel-plating. Contacts are gold-plated brass.

RCA (phono) Plug



6881

Sleek silver and gold compact design. Handles up to 6.0 mm (0.24 in) O.D. cable. Body is made of die cast zinc alloy with tarnish resistant nickel-plating. Contacts are gold-plated brass.

Right-Angle and Straight 1/4 in. Standard Phone Plugs



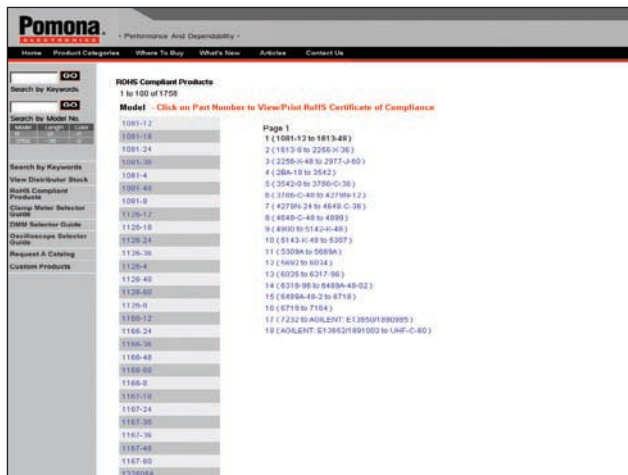
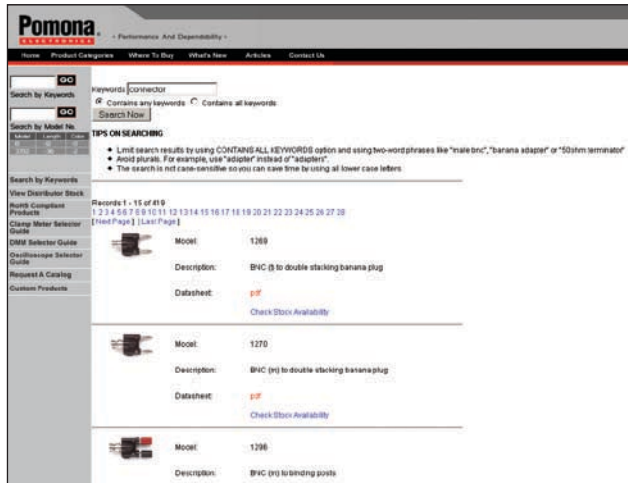
Model#	Description	Shell	Contacts	Lbs of Pull
6873	1/4 in. Phone Plug, 2 Pole	Black Nickel	Gold	45
6874	1/4 in. Phone Plug, 3 Pole	Black Nickel	Gold	45
7142	Straight 3-Conductor Balanced 1/4 in. Std. Phone Plug (Stereo)	Nickel	Nickel	45
7150	Shielded 2-Conductor 1/4 in. Phone Plug, Long Handle	Nickel	Nickel	45
7151	Right-Angle 2-Conductor 1/4 in. Plug (Mono)	Nickel	Nickel	45
7152	Shielded 3-Conductor Balanced 1/4 in. Phone Plug (Stereo)	Nickel	Nickel	45

*see rating message at start of section.

Model#	Page#	Model#	Page#	Model#	Page#	Model#	Page#	Model#	Page#	Model#	Page#
B	.22	3548	.20	4653-0	.18	5307	.3	6880	.25	72978	.12
HB	.22	3580	.11	4654	.17	5319	13, 25	6881	.25	72979	.12
MDP	.14	3600	.11	4661	.11	5344	.3	6883	.18	72980	.7
MDP-S	.14	3690	.19	4723	.23	5375	.7	6884	.18	72981	.7
MDP-ST	.14	3744A	.21	4770	.18	5406	.15	7035	.3	72982	.7
MDP-X	.14	3750	.17	4773	.21	5418	.23	7040	.3	72983	.7
1297	.13	3760	.17	4787	.10	5520	.23	7042	.3	72984	.7
1297	.25	3770	.17	4788	.4	5522	.23	7057	.10	72985	.7
1325	.15	3777A	.21	4804	.5	5697	.2	7073	.4	72987	.7
1330	.14	3778	.4	4805	.5	5931	.16	7107	.24	72988	.7
1330-ST	.14	3781	.22	4850	.5	5934	.21	7108	.24	72989	.7
1440	.22	3782	.22	4859	.5	5935	.21	7115	.24	72991	.7
1581	.17	3837	13, 25	4892	.14	5936	.21	7142	.25	72992	.7
1825	.15	3839	.3	4896	.3	6383	15, 22	7150	.25	72993	.7
2035	.19	3841	.10	4897	.15	6383-02	15, 22	7151	.25	72995	.7
2142	.20	3842	.10	4898	.14	6384	15, 22	7152	.25	72996	.7
2143	.20	3843	.10	4899	.15	6384-02	15, 22	7156	.25	72997	.7
2240	.23	3844	.13	4900	.17	6387-ST-T	.17	7157	.25	72998	.7
2244	.18	3846	.3	4914	.14	6545	.15	7158	.25	72999	.7
2249	.2	3847	.3	4933	.15	6546	.15	7159	.25	73000	.7
2269	.17	3862	.17	4934	.15	6567	.23	7160	.25	73001	.7
2305	.21	3863	.17	4956	.10	6700	.3	7207	.3	73002	.8
2382	.19	3925	.23	4957	.11	6701	.3	7283	.24	73003	.8
2383	.20	4005	.16	4958	.11	6702A	.3	7284	.24	73004	.8
2439	.19	4022	.20	4959	.5	6703A	.3	72912-0	.16	73005	.8
2440	.20	4054	13, 25	4979	.4	6704A	.3	72912-2	.16	73006	.8
2447	.4	4115	.18	4986	.15	6705	.3	72913-0	.16	73007	.8
2447A	.4	4159	.4	4995	.18	6706	11, 25	72913-2	.16	73008	.8
2451	.4	4160	.4	4997	.3	6712	11, 25	72918	.16	73010	.8
2451A	.4	4176	.23	5018	.18	6713	11, 25	72921	.23	73011	.8
2455	.10	4233	.23	5056	.11	6714	.13	72922	.23	73012	.8
2477	.21	4243	.18	5066	.10	6715	.13	72925	.23	73014	.8
2854	.17	4282	.5	5068	.10	6716	.13	72930	.16	73015	.8
2944	.19	4283	.5	5076	.10	6717	.4	72943	.6	73016	.8
2945	.19	4284	.5	5085	.3	6718	.4	72944	.6	73017	.8
2948	.22	4285	.5	5088	.5	6735	.4	72945	.6	73018	.8
3030	.19	4286	.5	5089	.10	6736	.4	72946	.6	73023	.9
3257	.15	4288	.12	5090	.13	6737	.3	72950	.6	73024	.9
3258	.15	4289	.12	5113A	.24	6738	.3	72952	.6	73025	.9
3261	.16	4290	.12	5117A	.24	6739	.3	72953	.6	73026	.9
3263	.16	4291	.12	5125A	.24	6740	.3	72954	.6	73028	.9
3264	.16	4292	.12	5126A	.24	6741	.4	72956	.6	73029	.9
3265	.16	4293	.12	5148	.4	6744	.3	72958	.6	73030	.9
3266	.16	4294	.12	5155	.10	6745	.4	72959	.6	73032	.9
3267	.17	4295	.12	5156	.10	6746A	.3	72960	.6	73033	.9
3268	.19	4296	.12	5157	.10	6747	.4	72961	.6	73034	.9
3271	.19	4297	.12	5167	.16	6748	.4	72962	.6	73035	.9
3272	.19	4298	.12	5168	.16	6752A	.3	72963	.6	73037	.9
3276	.19	4299	.12	5169	.16	6754	.3	72964	.6	73038	.9
3277	.20	4388	.11	5170	.16	6779	.12	72965	.6	73039	.9
3283	.3	4488	.3	5178	.11	6780	.12	72966	.6		
3284	.3	4512	.16	5218	.11	6781	.12	72967	.6		
3285	.3	4513	.19	5219	.11	6782	.12	72968	.6		
3286	.13	4543	.21	5230	.15	6800	.25	72969	.6		
3287	.13	4555	.23	5233-0	.17	6803	.11	72970	.6		
3288	.13	4578	.4	5285	.3	6850	.24	72971	.6		
3289	.23	4590	.17	5286	.3	6851	.24	72973	.6		
3533	.3	4601	.17	5290	.11	6854	.24	72974	.6		
3534	.3	4614	.17	5298	.13	6855	.24	72975	.5		
3535	.13	4617	.19	5299	.13	6873	.25	72976	.12		
3542	.20	4619	.17	5300	.13	6874	.25	72977	.12		

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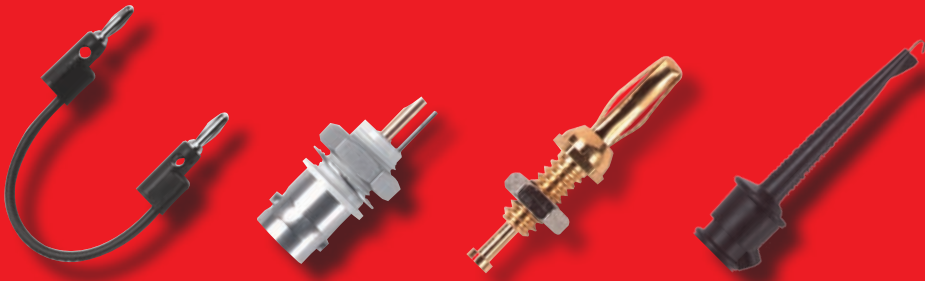
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