Powell Electronics Inc.
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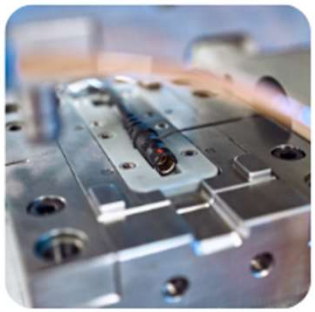
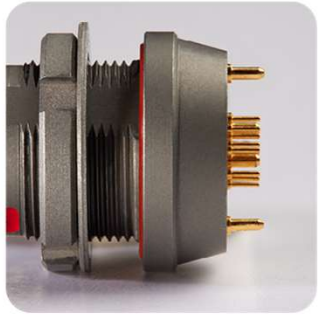
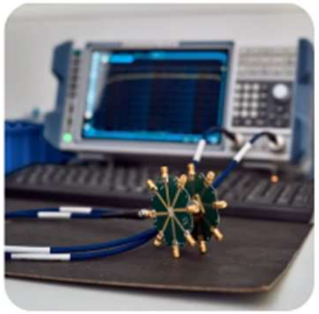
a HEICO Company

BERNIER

Connect with Confidence

What makes BERNIER connectors different

- **stainless steel connectors**:
  vibration, corrosion and impact resistant
- **compact design**
  for space-constrained applications
- excellent **data integrity and performance under stress**

BERNIER

Expertise in defense

optimized for multiple military applications:

- **communication equipment**: used in radio communication, intercom systems, headsets, handsets, loudspeakers
- **tactical equipment**: rugged computers, bluetooth modules, thermal goggles, modems, cameras
- **wearable equipment**: communication, energy, observation, fire control, navigation

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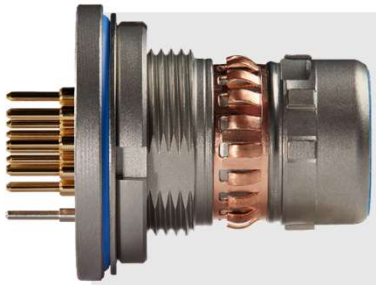
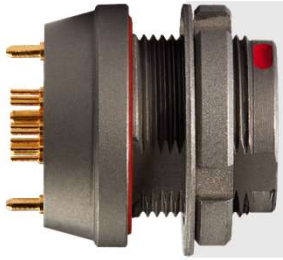
Main product lines

		Key Features	*Type of transmission*	*Ideal Use Case*
	**CMA**	Push-Pull / Break away Stainless steel IP 68 connected and not Up to 10 000 connection cycles EMI RFI From 4 to 36 contacts in 3 shell sizes Easy blind mate 40 years (first version) of use on the field Many accessories and electronic modules	Signal USB 2,0 USB3,2 Gen2 1Gb, 10 Gb Ethernet Single pair Ethernet HDMI	Data transmission, Low power in harsh environments
	**MMC**	Break away Stainless steel IP 68 connected and not (4m and 20m) 5 000 connection cycles EMI RFI 12 to 24 contacts in 3 shells sizes including mix arrangements (1A and 5A contacts)	Signal USB 2,0 USB3,2 Gen2 1Gb, 10 Gb Ethernet Single pair Ethernet HDMI	Data transmission, Low power for very compact equipment in harsh environments
	NWA	Break away Aluminium IP 68 connected and not 2000 connection cycles Nett Warrior STANAG 4695	Signal USB 2,0	Data and power transmission for soldier wearable applications

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Other product lines

		Key Features	*Type of transmission*	*Ideal Use Case*
	PAM	Bayonet Stainless steel IP68 connected and not 7 and 10 contacts, 2 connector sizes VG standard	Signal	Data transmission Audio
	55116	Bayonet Stainless steel IP68 connected and not 5 and 6 contacts MIL DTL 55116 standard	Signal	Data transmission Audio crypto
	221	Break away Aluminum 10 crimp contacts	Signal Power	Data transmission Audio (initially on avionic systems)
	360L6	Push-Pull Stainless steel 10 Crimp contacts	Signal	Data transmission Audio (initially on avionic systems)
	B600	All axis break away Stainless steel 6 contacts	Signal	Data transmission Audio

BERNIER

Designer and manufacturer of connectors for harsh environments

Responsive and flexible partner
Robust, ergonomic solutions
High-speed data transmission
Tailored design and qualification capabilities

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Let's discuss your upcoming projects!

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