

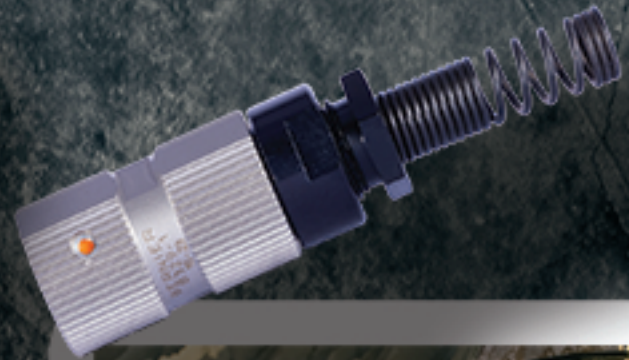


55116 Connectors Serie

5 to 6
CONTACTS

Bayonet Connector

The Crypto and Audio communication standard !



Ergonomics
Stainless steel
Self cleaning contacts
Standard
Watertightness IP68 (Mated and unmated)

Radios / Intercoms / Crypted data
Optronic devices / Weapon systems
Ruggedized computers / Tactical equipments



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Powell Electronics Inc.
Toll Free: (800) 235-7880
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55116 Connectors Serie

THE STANDARD MIL-C-55116 FOR TACTICAL & RADIO SYSTEMS

55116 serie is a standard in Tactical and Radiocommunication systems. Circular, the connectors are equipped with 5 and 6 contacts and bayonet mate. These connectors are designed for low rating signals. They are also appreciated on crypto, sensors and measurement devices.

PRODUCT FEATURES:

- 55116 SERIES : from 5 to 6 contacts
- Ergonomic, Bayonet locking
- Plugs, Receptacles, Extension, Panel plug, Panel through
- Backshells, Elbow parts, Caps, Modules, Accessories, Tools...

(Extension & plugs are also available with thread for MIL-DTL-38999)

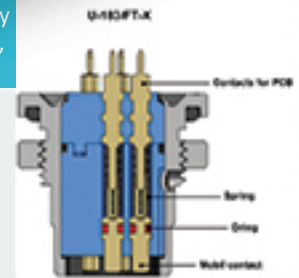


ELECTRICAL PERFORMANCE (5 and 6 contacts):

- Working voltage: 60 Vmax
- Contact type: Solder buckets / For PCB
- Current rating per contact: 0.5 Amax
- Contact resistance: ≤ 50 mOhms
- Insulation resistance : >5000 MOhms
- Insulation of insulator: 5000Mohms under 500 Vcc
- Dielectric: 500 VAC RMS

Unique BERNIER contact technology allows excellent contact resistance, better than standard

- Maximal contact reliability
- Quality of contact in time
- Resistance to harsh environments
- Self cleaning contact technology
- Good behavior in vibration and shock
- High frequencies signals endurance



CATALOGS



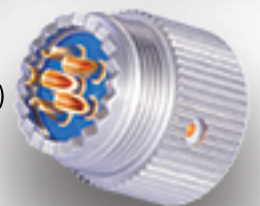
MECHANICAL PERFORMANCE

- Unlocking system: Bayonet
- Endurance: 3000 operations
- Fluids resistance: Oils and hydrocarbons



ENVIRONMENTAL PERFORMANCE

- Operation Temperature Range: -55 °C to 85 °C
- Corrosion resistance: Salt fog 96 hours (stainless steel)
- Air pressure: 0.17 bar
- IP 68 (connected and disconnected)
- RoHS & REACH, except Olive green cadmium



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Need more information or a quotation

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