

Materials & Finishes

PM Series • MIL-DTL-5015 Solder Type Connectors

PM Series Finishes

A connector's finish does more than simply provide good looks. The finish is the first line of defense for a connector. It provides enhanced corrosion resistance and can be made conductive to provide electrical continuity across connector shells for EMI/RFI shielding applications.

Olive drab cadmium is the standard finish for the PM Series. It offers excellent corrosion resistance and will match the aesthetic design of most applications. In addition, a number of specialty finishes are available, including RoHS compliant finishes for environmentally friendly designs. ■

Standard PM Series Materials & Finishes

Finish Code	Finish	Electrically Conductive	Pre-Tinned Solder Cups	RoHS Compliant	Appearance	Shell Material	Salt Spray Rating	Recommended Operating Temperature Range
F	Olive Drab Cadmium	✓	✓		Drab Olive Green	Aluminum	500 hrs	-67° to +257°F (-55° to +125°C)

Special PM Series Materials & Finishes*

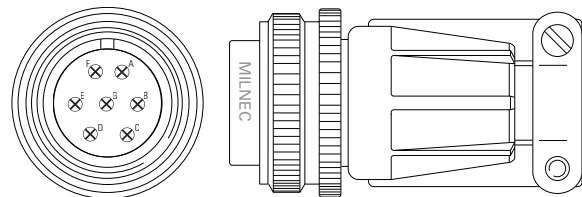
Finish Code	Finish	Electrically Conductive	Pre-Tinned Solder Cups	RoHS Compliant	Appearance	Shell Material	Salt Spray Rating	Recommended Operating Temperature Range
B	Hardcoat Anodize		✓		Grey to Black	Aluminum	336 hrs	-67° to +257°F (-55° to +125°C)
BA			✓					
N	Electroless Nickel	✓	✓		Bright Metal	Aluminum	48 hrs	-67° to +257°F (-55° to +125°C)
NA			✓					
C	Zinc Cobalt		✓		Black	Aluminum	125 hrs	-67° to +257° (-55° to +125°C)
CA			✓					
CB		✓	✓					
CC			✓					
T	Hard Anodic		✓		Grey	Aluminum	500 hrs	-67° to +257°F (-55° to +125°C)
TA			✓					

* Please consult an authorized distributor for lead time information and minimum quantity requirements for special order finishes.

Olive Drab Cadmium—Durable & Economical

Olive drab cadmium (F) plating is the standard finish for PM Series connectors due to its high corrosion resistance. This finish is conductive, making it suitable for shielding or grounding applications, and is resistive to galling. Its olive drab appearance matches most equipment. Olive drab cadmium is suitable for all general duty, industrial, military, and marine applications.

- Finish Specification: SAE-AMS-QQ-P-416 II Class 2
- Appearance: Military Olive Drab Green
- Sheen: Flat, Low Gloss
- Max Temp. Rating: 347°F (175°C)
- Salt Spray Rating: 500 hours
- Lubricity: Good
- Galling Resistance: High
- Conductive: Yes
- RoHS Compliant: No



RoHS Compliant Parts

Milnec provides a full offering of RoHS compliant finishes in conductive and non-conductive versions to best suit your application requirements.



Please consult the latest European Union general and regional regulations to ensure materials are appropriate for your application and compliance requirements.

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