

MICRO-D STANDARD MATERIALS AND FINISHES

A

Connector Shell, Metal	<p>Aluminum Alloy 6061 In Accordance With SAE AMS-QQ-A-250/11 Plating Code 1: Cadmium With Yellow Chromate Conversion Coating in Accordance With SAE-AMS-QQ-P-416, Type II, Class 3 Plating Code 2: Electroless Nickel In Accordance With ASTM B733 Plating Code 4: Black Anodize In Accordance With MIL-A-8625 Type II Class 2 Plating Code 5: Gold Plated In Accordance With ASTM B488 Over Electroless Nickel In Accordance With ASTM B733-90. Plating Code 6: Chem Film In Accordance With MIL-C-5541 Class 3</p> <p>Stainless Steel, 300 Series Plating Code 3: Passivated In Accordance With SAE AMS 2700</p>
Connector Shell, Plastic	Liquid Crystal Polymer, 30% Glass-Filled, In Accordance With MIL-M-24519
Insulator	Liquid Crystal Polymer, 30% Glass-Filled, In Accordance With MIL-M-24519
Interfacial Seal	Flourosilicone Rubber In Accordance With A-A-59588
Terminal Block, PCB	Liquid Crystal Polymer, 30% Glass-Filled, In Accordance With MIL-M-24519
Pin Contact (TwistPin)	Beryllium Copper, Gold Plated In Accordance With ASTM B 488 Type II Class 1.27 (50 Microinches Minimum) Code C, Over Nickel Underplate In Accordance With SAE AMS-QQ-N-290, Class 2, (30-150 Microinches).
Socket Contact	Phos Bronze In accordance With ASTM 139 Gold Plated In Accordance With ASTM B 488 Type II Class 1.27 (50 Microinches Minimum) Code C, Over Nickel Underplate In Accordance With SAE-AMS-QQ-N-290, Class 2, (30-150 Microinches).
Encapsulant (Potting)	Epoxy Resin, Hysol EE4215/HD3561
Jackscrews, Jackposts, Float Mounts	Stainless Steel, 300 Series, Passivated In Accordance With SAE AMS 2700
Pigtail Wire, Insulated Hookup	<p>Wire Type E: Silver-Coated Copper Wire, Extruded PTFE Insulation, 600 Volts RMS, 200°C., In Accordance with NEMA HP3 (Replaces MIL-W-16878/4)</p> <p>Wire Type K: Silver-Coated Copper Wire, Extruded PTFE Insulation, 600 Volts RMS, 200° C., In Accordance with SAE AS 22759/11</p> <p>Wire Type J: High-Strength Silver-Coated Copper Alloy Wire, Crosslinked Modified ETFE Insulation, 600 Volts RMS, 200° C., In Accordance with SAE AS 22759/33</p>
Pigtail Wire, Uninsulated	<p>Wire Finish Code 3: Solid Copper Wire In Accordance With A-A-59551, Gold-Plated, Solder Dipped in 63/37 tin-lead</p> <p>Wire Finish Code 4: Solid Copper Wire In Accordance With A-A-59551, Gold-Plated</p>