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**Materials, Finishes and Specifications**

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**MATERIALS AND FINISHES**

<b>Connector Body:</b>	Polyphenylene sulfide per MIL-M-24519, color black	<b>Contact Finish:</b> Per MIL-G-45204
<b>Contacts:</b>	Pin contacts: copper alloy/brass alloy Socket contacts: beryllium copper alloy Contact body: brass alloy	<b>Guides, Screwlocks:</b> Stainless steel per QQ-S-763 finish per MIL-F-14072 type Y "D-shaped" guide socket, beryllium copper per QQ-C-530; nickel plated per QQ-N-290

**ELECTRICAL SPECIFICATIONS**

<b>Contact Size:</b> #22 AWG	<b>Other Electrical Characteristics:</b> Vibration, salt spray, dielectric withstanding voltage, contact resistance, durability, humidity per MIL-C-55302
<b>Contact Rating:</b> 5 amps.	
<b>Test Voltage:</b> 1000 V rms. 60 Hz at sea level 300 V rms. 60 Hz at 70,000 ft.	
<b>Insulation Resistance:</b> 5000 megohms min. @ 500 V DC	
<b>Temperature Range:</b> -65°C to +125°C	

