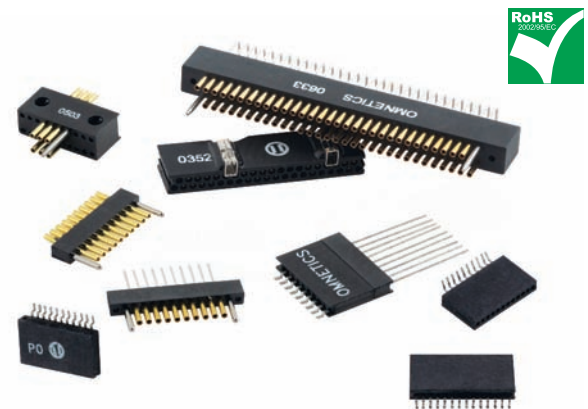


## Strip Connectors - Single or Dual Row

### Specification:

<b>Insulator:</b>	Polyphenylene Sulfide per MIL-M-24519, Type GST 40F, Black
<b>Contact Material:</b>	Pins - BerylliumCopper per ASTM B194, Alloy C17200 Socket - Copper Alloy per MIL-DTL-13513
<b>Contact Finish:</b>	Gold plate per ASTM B488, Type II (Hard Gold), Code C, Class 1.27 (.000050)
<b>Terminal Finish:</b>	Hard gold plate per ASTM B488
<b>Latch:</b>	Beryllium Copper per ASTM B488
<b>Latch Finish:</b>	Electroless Nickel per AMS-C-26074
<b>Guide Post:</b>	Brass per ASTM B16, Alloy C36000
<b>Guide Post Finish:</b>	Electroless Nickel per AMS-C-26074
<b>Guide Post (DRS ONLY):</b>	303 Stainless Steel per ASTM A582
<b>Wire - Standard:</b>	26 AWG, 7 Strand, Type E per NEMA HP3
<b>Jack Post &amp; Screw Receptacle (DRP ONLY):</b>	303 Stainless Steel per ASTM A582 Passivate per QQ-P35
<b>Rating Screw (DRS ONLY):</b>	303 Stainless Steel per ASTM A582 Passivate per QQ-P35



### Features:

- Micro & Nano Offset Strip-Connectors
- Single & Double Row
- Sizes: 2 up to 60
- Standard Sizes are 2-4-6 pin (COTS)
- All sizes with 18 inch [45,7cm] pre-wired leads
- Wiring is Colour Coded as per IAW MIL-STD-681, System 1, using ten solid repeating colours
- Latch is factory installed

### Tested to and Passed the Following Performance Specifications of MIL-DTL-83513

Current Rating:	3 Amp max
Dielectric Withstanding Voltage:	600 VAC RMS
Insulation Resistance:	5000 Mohms min @ 500 VDC
Contact Resistance:	26 mOhms (65 mV) max @ 2.5 Amp
Mating/Unmating Force:	Forces not exceed 6 oz/contact
Temperature Cycling:	-55°C to +125°C, 5 cycles
Humidity (Mated):	IAW MIL-STD-1344, Method 1002.2, Type II, Omit Steps 7A & 7B
Vibration:	IAW-MIL-STD-1344, Method 205.1, Test Condition IV, 20 g's
Mechanical Shock:	IAW-MIL-STD-1344, Method 2004.1, Test Condition E, 50 g's
Durability:	500 cycles
Contact Resistance after Durability:	26 mOhms (65 mV) max @ 2.5 amp
Mating/Unmating after Durability:	Forces not to exceed 6 oz/contact
Salt Spray:	48 hrs IAW-MIL-STD-1344, Method 1001.1, Test Condition B
Contact Resistance after Salt Spray:	28 mOhms (70 mV) max @ 2.5 amp
Mating/Unmating force after Salt Spray:	Forces not to exceed 6 oz/contact
Contact Retention after Salt Spray:	Minimum of 2 lbs contact retention
Thermal Vacuum Outgassing:	NASA SP-R-0022
Solder Heat & Contact Retention:	360°C for 10 sec.
Solder ability:	MIL-STD-202, Method 208