

Circular Connectors Specification

Materials

Outer shell: Aluminium Alloy base material, Zinc Cobalt Alloy, Black finish
 Inner contacts: Copper Alloy, Silver finish
 Insulator, Grommet: Synthetic Rubber

Electrical

Current: 13A
 Working voltage
 10SL shell: 500V AC, 700V DC
 12S shell: 500V AC, 700V DC
 14S shell: 200V AC, 250V DC
 Voltage proof
 10SL shell: 2,000V AC
 12S shell: 2,000V AC
 14S shell: 1,000V AC
 Insulation resistance: 5,000MΩ min

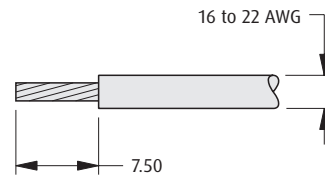
Mechanical

Durability: 500 operations

Environmental

Operating temperature: -55°C to +125°C
 Vibration sensitivity: 10Hz to 500Hz, 98m/s² (10G)
 Shock severity: 490m/s² (50G) for 11ms
 Water resistance (sealing): 1.8m for 48 hours - exceeds IP67

Wire Detail



Pin Numbering & Spacing

Views are shown onto the mating face of each connector type.

	10SL SHELL		12S SHELL	14S SHELL	
	2 CONTACT (10SL-4)	3 CONTACT (10SL-3)	2 CONTACT (12S-3)	4 CONTACT (14S-2)	6 CONTACT (14S-6)
FEMALE					
MALE					

All dimensions in mm.