

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

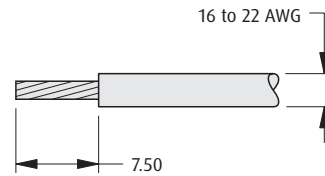
Mechanical

Durability: 500 operations

Environmental

Operating temperature:	-55°C to +125°C
Vibration sensitivity:	10Hz to 500Hz, 98m/s ² (10G)
Shock severity:	490m/s ² (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.