

Y2 series circular electrical connector



Conform to Chinese military connector standard Q/321283LSC02-2007. Y2 series circular electrical connector is designed as quick bayonet coupling, solder contact and hermetic receptacle.

Part number

	Y2	10	Z	J	L	M
Basic series						
Number of contact						
2, 3, 4, 5, 7, 10, 14, 19, 24, 32, 36, 37, 50, 65, 81, 120						
Type						
T = Plug						
Z = Receptacle						
Type of contact						
J = Pin						
K = Socket						
Type of receptacle						
L = Cable connecting receptacle						
B = Square flange receptacle						
Sealing of receptacle						
M = Reperfusion of sealant						

Performance specification

Operating temperature range: -55 °C ~ +125 °C

Shock: Max acceleration 980 m/s²

Relative humidity: 92 ~ 98% at 40 ± °C

Endurance: ≥ 500 cycles

Contact resistance and current rating:

Diameter (mm)	Φ 1.0	Φ 1.5	Φ 2.5
Current (A)	5	10	23
Resistance (mΩ)	≤ 5.0	≤ 3.0	≤ 1.0

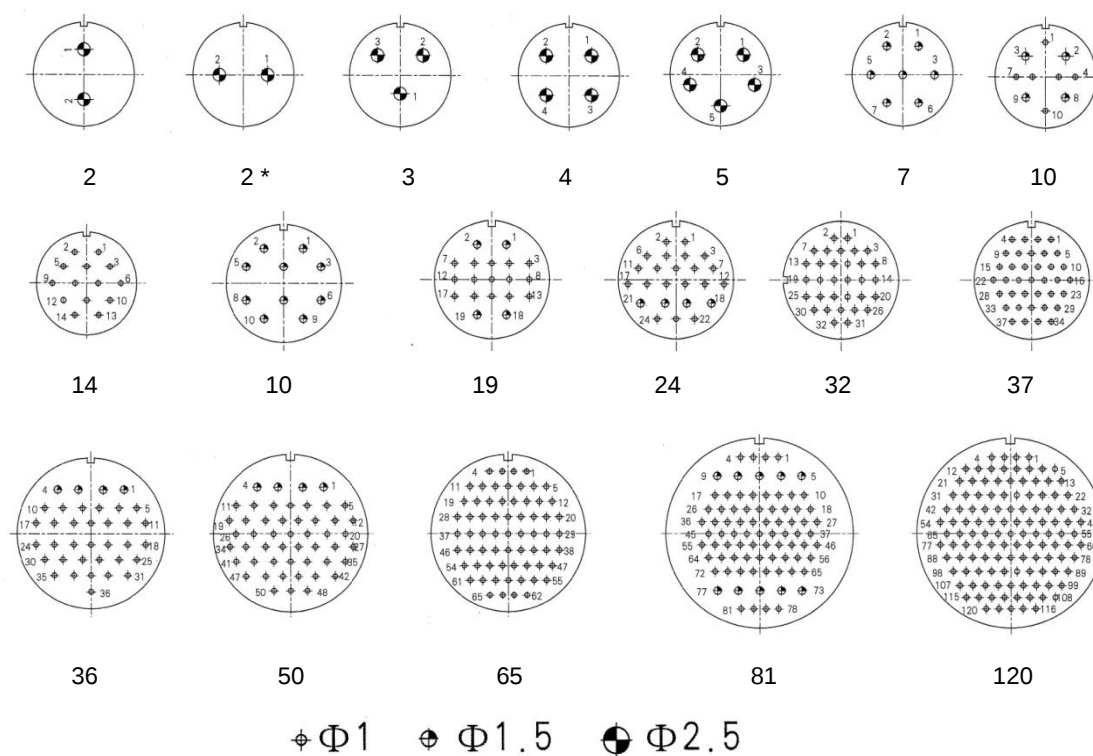
Insulation resistance:

Sea level	High humidity	High temperature
≥ 1000MΩ	≥ 100MΩ	≥ 1000MΩ

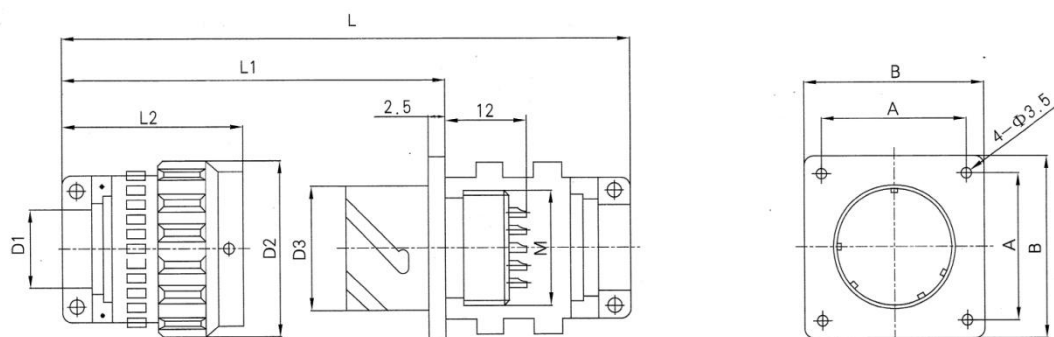
Withstanding voltage:

Number of contact	Voltage (V)
7, 10, 19, 24, 36, 50	1500
2, 3, 4, 5, 14, 32, 37, 65, 81, 120	1000

Contact layout



Shell size



Number for contact	Size for mounting			Shell size					
	A	D ₁	M	B	D ₂	D ₃	L	L ₁	L ₂
2, 3, 4, 5, 7, 10, 14	22~24	Φ 12	M21×0.75	31	Φ 31	22.7	79	51	45
10, 19, 24, 32, 37	28	Φ 18	M28×1.00	38	Φ 38	28.7	88	56	49
36, 50, 65	36	Φ 26	M36×1.00	46	Φ 46	36.7	108	67	60
81, 120	51	Φ 40	M50×1.00	60	Φ 60	51.2	126	77	71