

Y4 series circular electrical connector



Conform to Chinese military connector standard Q/Ag1.004-2000. Y4 series is designed as thread coupling, hermetic receptacle.

Part number

	Y4	Р	3	Z	J	В	M
Basic series							
Material and finish							
P = Aluminium-alloy with nicke	l plating						
P1 = Aluminium-alloy with elec	troless nic	ckel plating					
S = Copper-alloy with electrole	ss nickel	plating					
Contact number							
2, 3, 4, 5, 7							
Type of connector							
T = Plug							
Z = Receptacle							
Type of contact							
J = Pin							
K = Socket							
Type of back shell							
L = Cable connecting							
B = Square flange							
Sealing of receptacle							
M = Hermetic							
Omit = Unsealed							

Performance specification

Operating temperature range: -55 °C ~ +85 °C

Shock: Max acceleration 980 m/s 2 Relative humidity: 90 ~ 95% at 40 \pm $^{\circ}$ C

Endurance: ≥ 500 cycles

Contact resistance and current rating:

Diameter (mm)	Ф 0.8
Current (A)	3
Resistance (mΩ)	≤ 8

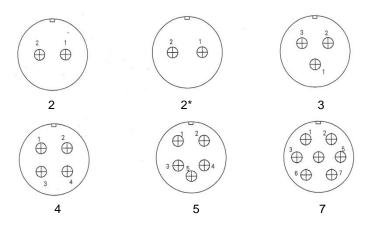
Insulation resistance:

Sea level	High humidity	High temperature		
≥ 1000MΩ	≥ 50MΩ	≥ 500MΩ		

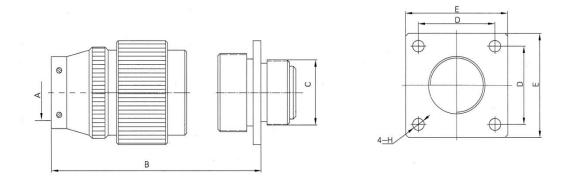
Withstanding voltage:

Y4 series	Voltage (V)		
Sea level	750		
21000m	200		
High humidity	100		
High temperature	750		
2 l type	2000		

Contact layout



Shell size



Number of contact	ΦА	В	Thread C	D	Е	Н
2	6	26.5	M10×0.75	12.0	16	1.8
2	6	26.5	M10×0.75	11.0	16	2.3
3	6	26.5	M10×0.75	12.0	16	1.8
4	6	26.5	M10×0.75	12.0	16	1.8
5	8	27.5	M12×1.00	13.2	18	2.2
7	8	27.5	M12×1.00	13.2	18	2.2