

Y3 series circular electrical connector



Conform to Chinese military connector standard Q/Ag1.003-2002. Y3 series is designed as straight insert locking and pull release.

Part number

	Y3	19	Z	J	B	M
Basic series						
Contact number						
19, 21, 24, 31						
Type of connector						
T = Plug						
Z = Receptacle						
Type of contact						
J = Pin						
K = Socket						
Type of receptacle						
L = Cable connecting receptacle						
B = Square flange receptacle						
H = Circular flange receptacle						
Hermetic type for receptacle						
M = Reperfusion of sealant						

Performance specification

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

Shock: Max acceleration 980 m/s²

Relative humidity: 90 ~ 95% at 40 ± °C

Endurance: ≥ 500 cycles

Contact resistance and current rating:

Diameter (mm)	Φ 0.8	Φ 1.0
Current (A)	3	5
Resistance (mΩ)	≤ 10.0	≤ 5.0

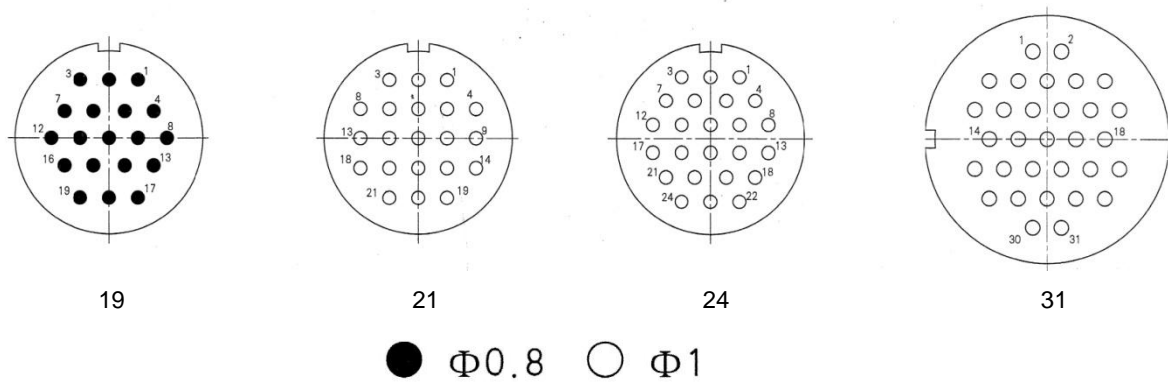
Insulation resistance:

Sea level	High humidity	High temperature
≥ 500MΩ	≥ 20MΩ	≥ 100MΩ

Withstanding voltage:

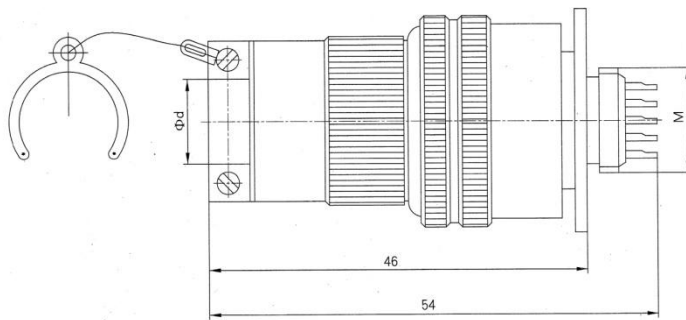
Y3 series	Voltage (V)
Sea level	500
21000m	200

Contact layout

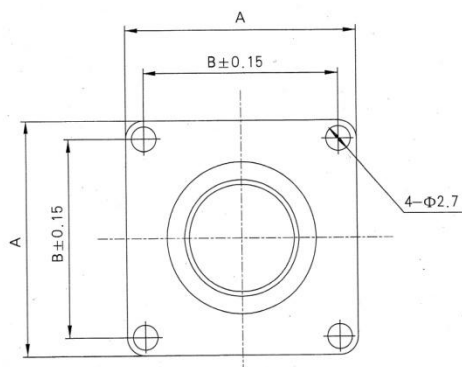


Shell size

Plug



Square flange receptacle



Circular flange receptacle

