

## Y24 series circular electrical connector



Conform to Chinese military connector standard Q/Ag1.084.1-2006, Y24 series is designed as thread coupling, rain-proof, dust-proof and shielding shell.

## Part number

	Y24/	42	-128	Z	J
Basic series					
Shell No.					
16, 22, 28, 36, 42					
Number of contact					
4, 19, 24, 32, 36, 37, 50, 65, 81, 104, 120					
Type of connector					
T = Plug					
Z= Receptacle					
Type of contact					
J = Pin					
K = Socket					

## Performance specification

Operating temperature range: -55 °C ~ +150 °C

Shock: Max acceleration 150 m/s<sup>2</sup>

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

Endurance: ≥ 500 cycles

Contact resistance and current rating:

Diameter (mm)	Φ 1.0	Φ 1.5	Φ 2.4
Current (A)	5	10	25
Resistance (mΩ)	≤ 5	≤ 3	≤ 2

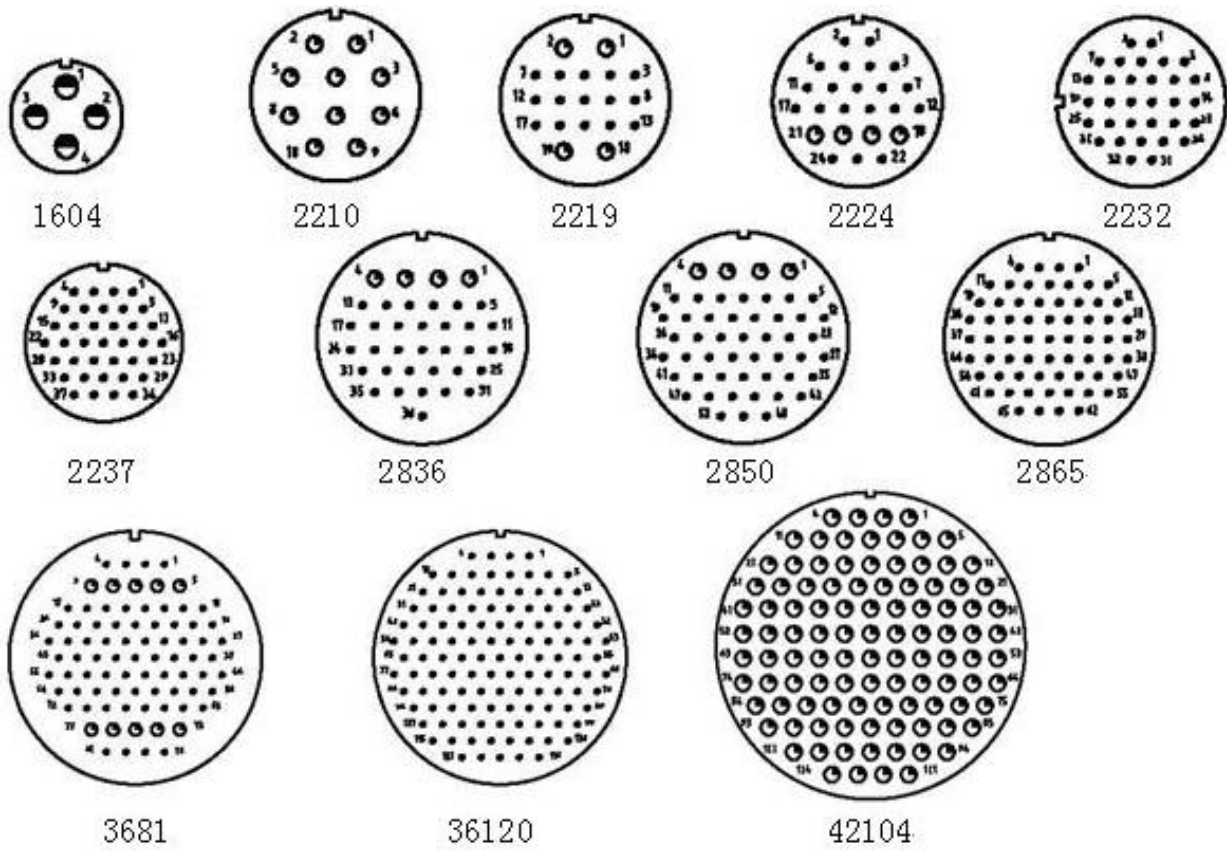
Insulation resistance:

Sea level	High humidity	High temperature	Under rain
≥ 5000MΩ	≥ 20MΩ	≥ 1000MΩ	≥ 20MΩ

Withstanding voltage:

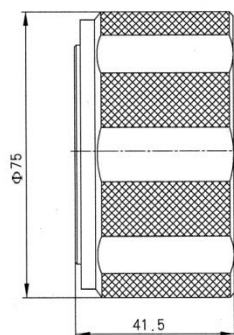
Sea level	21000 m	Humidity and heat
1500 V	200 V	500 V

## Contact layout

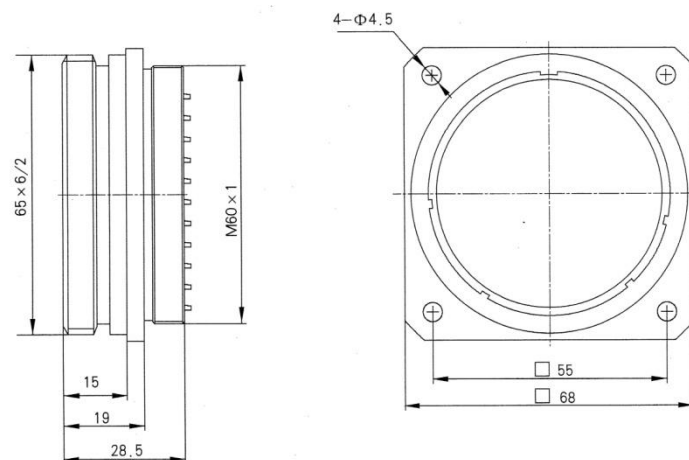


## Shell

Plug



Receptacle



## Back shell

