

J14F series rectangle electrical connector



Conform to Chinese military connector standard GJB142A-94. J14F series is extended from J14 series, designed as crimp contact and higher density of contact.

Part number

	J14F	-15	Z	J	B
Basic series					
Number of contact					
9, 15, 27, 36, 51					
Type of plug and receptacle					
T = Plug					
Z = Receptacle					
Type of contact					
J = Pin					
K = Socket					
Type of mounting					
B = Panel mounting					
L = Cable mounting					

Performance specification

Temperature rating: -55 °C ~ +125 °C

Relative humidity: at 40 °C $\pm$ 2 °C, 90% ~ 95%

Vibration: at 10 Hz~2000 Hz, acceleration 196 m/s²

Shock: 980 m/s²

Atmospheric pressure: 101.3 KPa ~ 4.39 KPa

Acceleration: 780 m/s²

Electrical performance

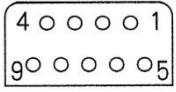
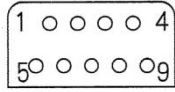
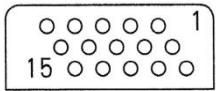
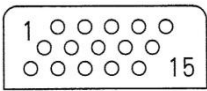
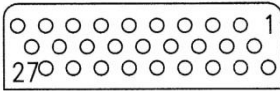
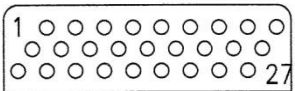
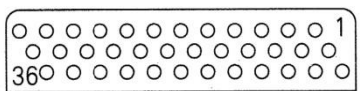
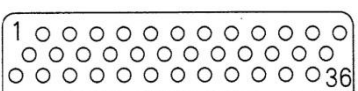
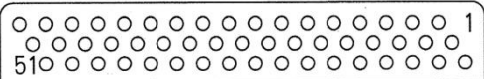
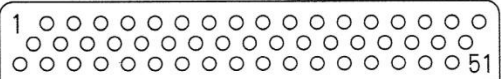
Rated current: 2 A

Contact resistance: $\leq$ 15 m Ω

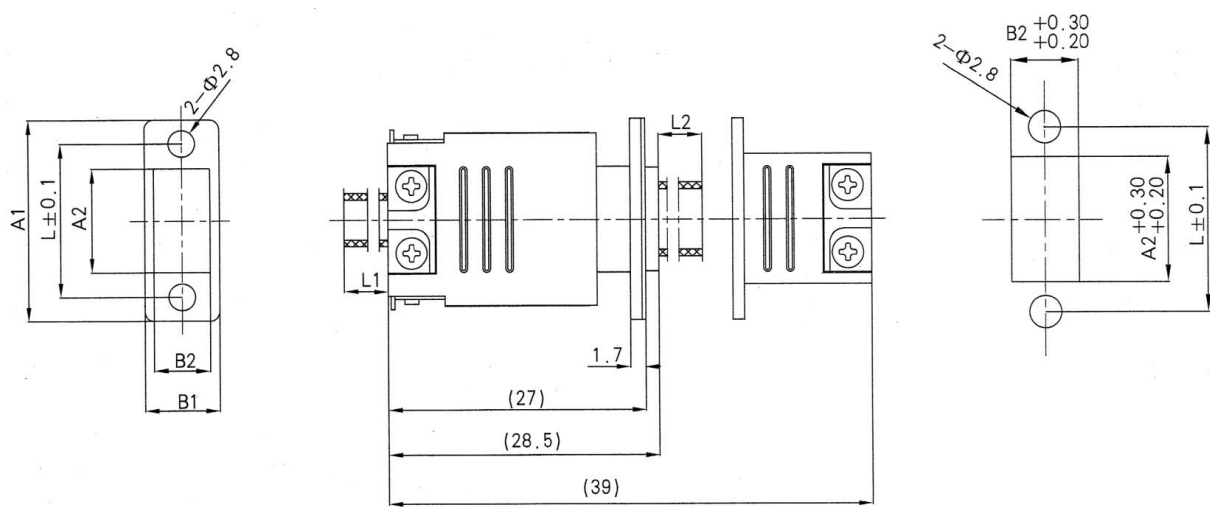
Withstanding voltage: $\leq$ 800 V

Endurance: $\geq$ 500 cycles

Contact layout

Contact number	Male pin	Female pin
9		
15		
27		
36		
51		

Shell size



Part number		A1	A2	L	B1	B2
J14F-9TK/ZJB J14F-9TK/ZJL	J14F-9TJ/ZKB J14F-9TJ/ZKL	19	9.4	14.5	6.7	4.7
J14F-15TK/ZJB J14F-15TK/ZJL	J14F-15TJ/ZKB J14F-15TJ/ZKL	21	10.8	16.0	7.9	5.9
J14F-27TK/ZJB J14F-27TK/ZJL	J14F-27TJ/ZKB J14F-27TJ/ZKL	26	16.4	21.5	7.9	5.9
J14F-36TK/ZJB J14F-36TK/ZJL	J14F-36TJ/ZKB J14F-36TJ/ZKL	31	20.6	26.0	7.9	5.9
J14F-51TK/ZJB J14F-51TK/ZJL	J14F-51TJ/ZKB J14F-51TJ/ZKL	38	27.6	33.0	7.9	5.9