

JD series rectangle electrical connector



Conform to military standard MIL-C-24308A and Chinese military standard GJB142A-94.

Part number

	JD/	E	9	P	B	S
Basic series						
Shell number						
E, A, B, C, D						
Contact number						
9, 15, 25, 37, 50						
Type of contact						
P = Pin						
S = Socket						
Type of termination						
B = Straight PCB						
L = Elbow PCB						
Omit = Solder						
Mounting						
S = With locking components						
F = Float mounting						

Performance specifications

Temperature: -55 °C ~ +125 °C

Relative humidity: 40 ± 2 °C, 90% ~ 95%

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

Shock: 980 m/s²

Endurance: 500 cycles

Electrical performance

Rated voltage: 300V

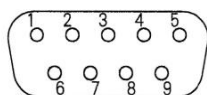
Rated current: 5A

Contact resistance: ≤ 0.01 Ω

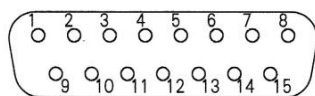
Insulation resistance: ≥ 5000 MΩ

Withstanding voltage: 1000 V

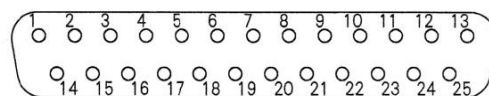
Contact layout



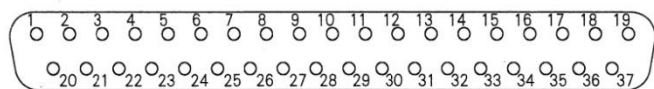
JD/E-9



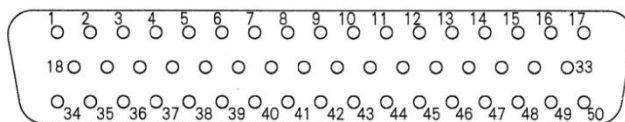
JD/A-15



JD/B-25



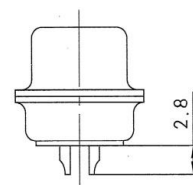
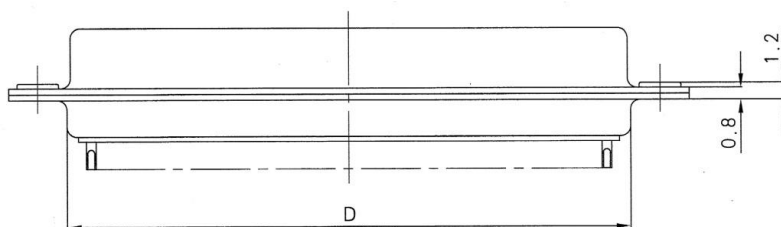
JD/C-37



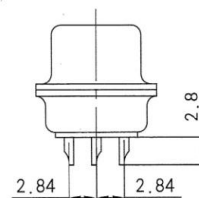
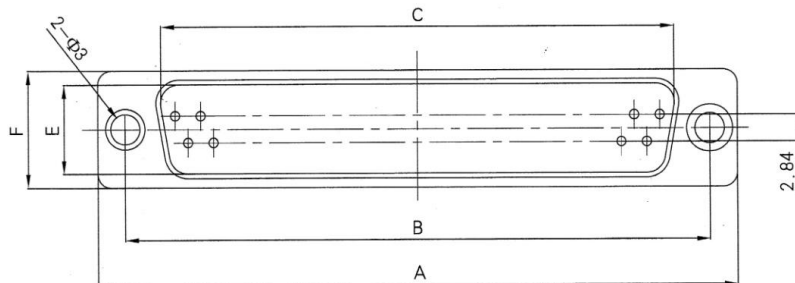
JD/D-50

Shell size

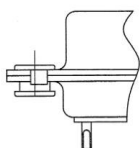
Connector with pin, solder



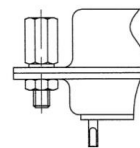
(JDE, JDA, JDB, JDC)



(JDD)



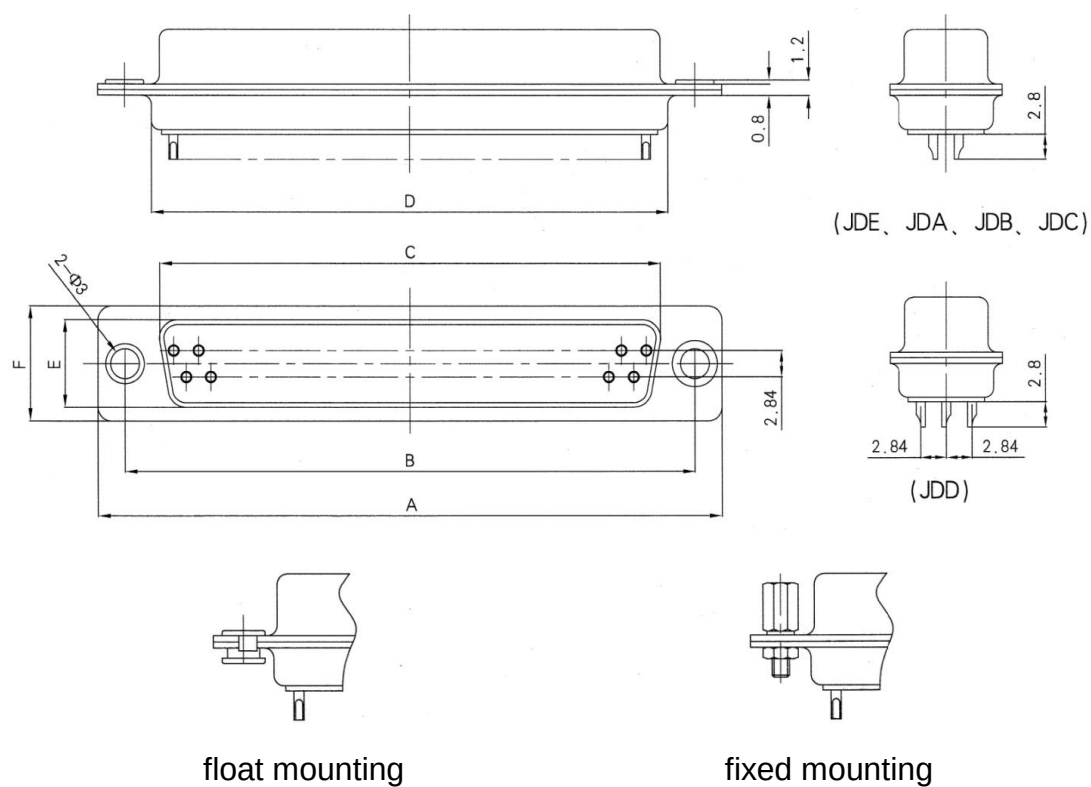
float mounting



fixed mounting

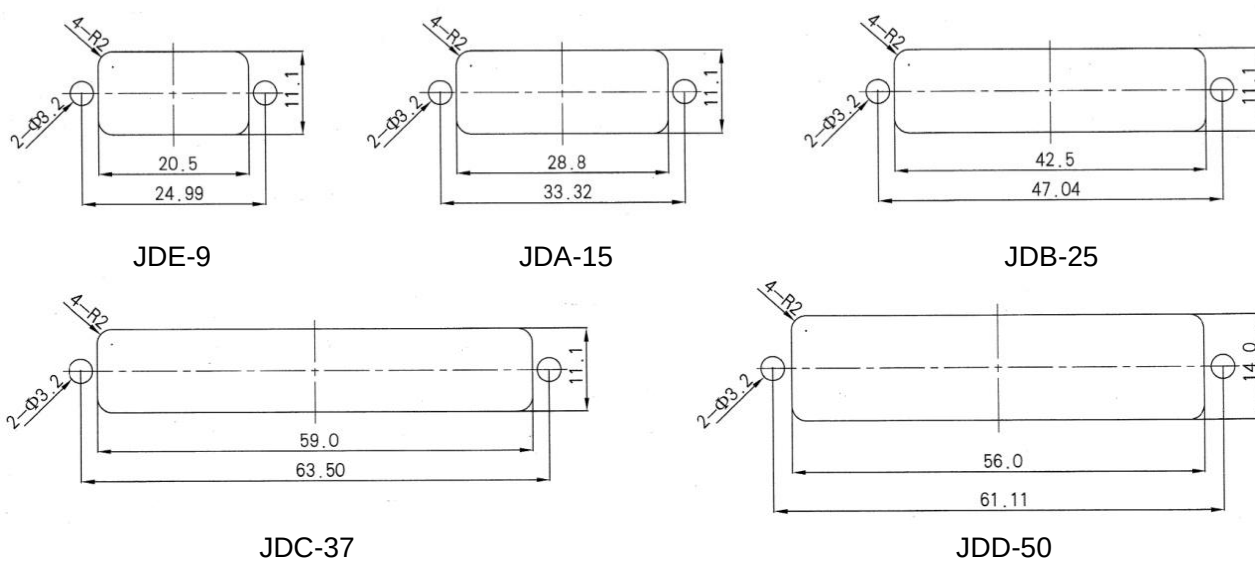
Shell	Contact number	A	B	C	D	E	F
JD/E	9	30.9 ± 0.3	25.00 ± 0.1	$16.80+0.05$	19.3 ± 0.25	$8.23+0.05$	12.6 ± 0.25
JD/A	15	39.1 ± 0.3	33.32 ± 0.1	$25.12+0.05$	27.5 ± 0.25	$8.23+0.05$	12.6 ± 0.25
JD/B	25	53.1 ± 0.3	47.04 ± 0.1	$38.84+0.05$	41.3 ± 0.25	$8.23+0.05$	12.6 ± 0.25
JD/C	37	69.4 ± 0.3	63.50 ± 0.1	$55.30+0.05$	57.7 ± 0.25	$8.23+0.05$	12.6 ± 0.25
JD/D	50	66.9 ± 0.3	61.11 ± 0.1	$52.68+0.05$	55.3 ± 0.25	$11.07+0.05$	15.37 ± 0.25

Connector with socket, solder

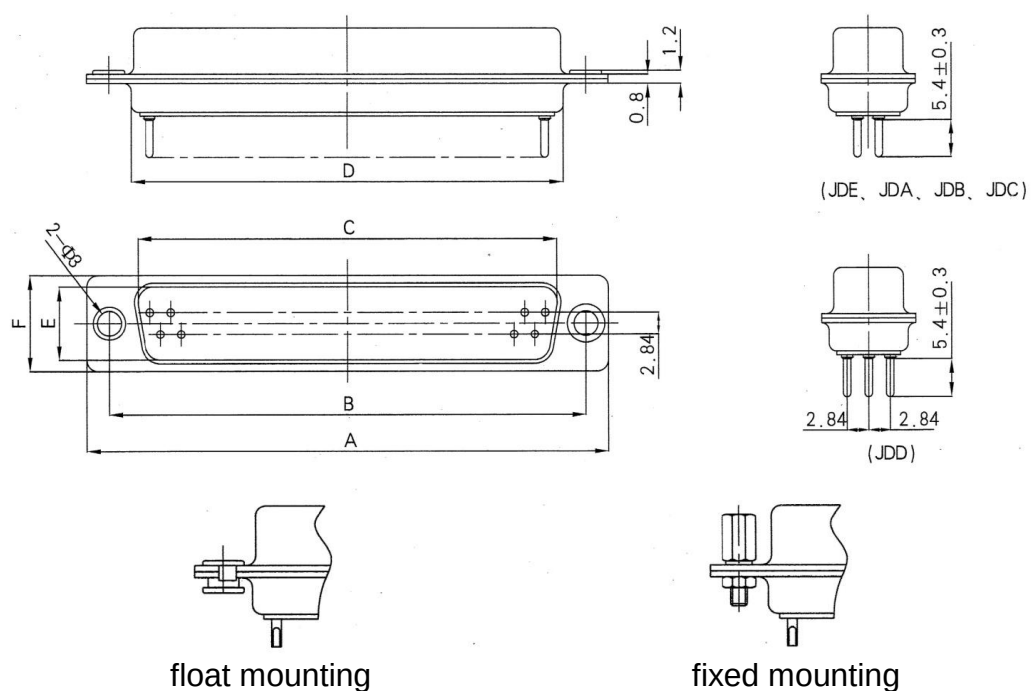


Shell	Contact number	A	B	C	D	E	F
JD/E	9	30.9±0.3	25.00±0.1	16.46±0.05	19.3±0.25	7.90±0.05	12.60±0.25
JD/A	15	39.1±0.3	33.32±0.1	24.79±0.05	27.5±0.25	7.90±0.05	12.60±0.25
JD/B	25	53.1±0.3	47.04±0.1	38.51±0.05	41.3±0.25	7.90±0.05	12.60±0.25
JD/C	37	69.4±0.3	63.50±0.1	54.97±0.05	57.7±0.25	7.90±0.05	12.60±0.25
JD/D	50	66.9±0.3	61.11±0.1	52.55±0.05	55.3±0.25	10.75±0.05	15.37±0.25

Size for panel of solder

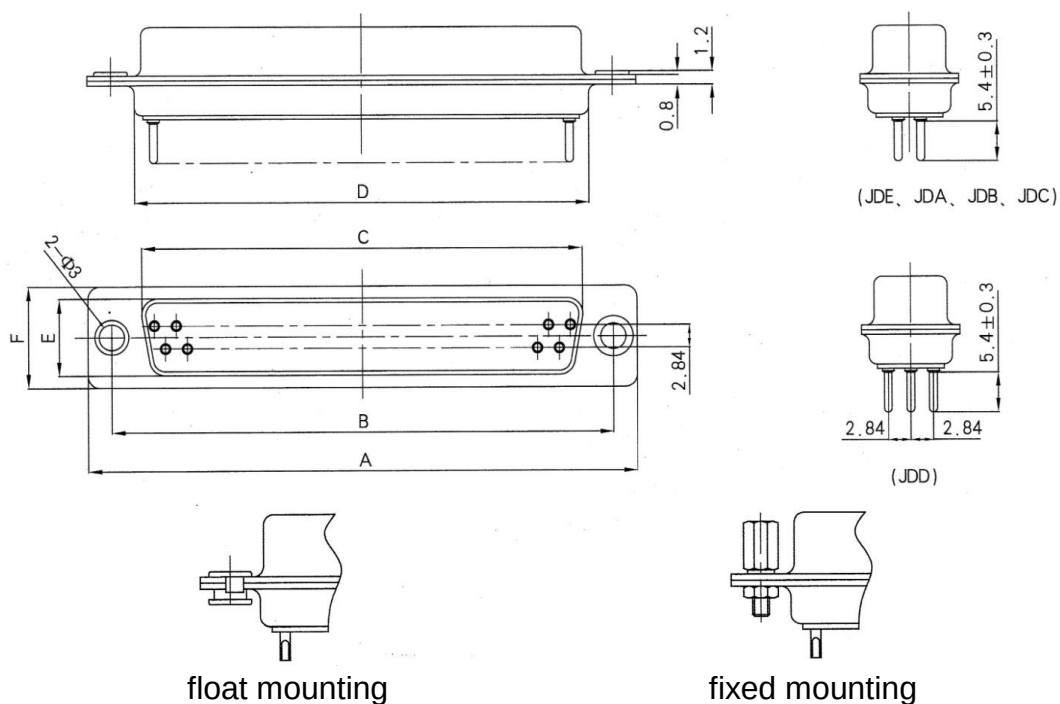


Connector with pin, straight PCB



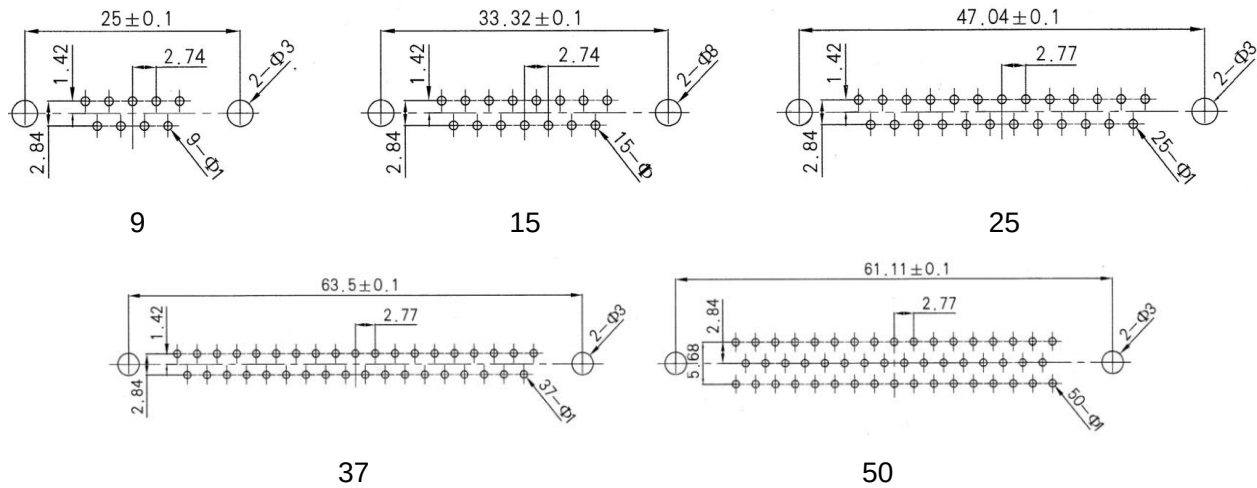
Shell	Contact number	A	B	C	D	E	F
JD/E	9	30.9±0.3	25.00±0.1	16.80±0.05	19.3±0.25	8.23±0.05	12.6±0.25
JD/A	15	39.1±0.3	33.32±0.1	25.12±0.05	27.5±0.25	8.23±0.05	12.6±0.25
JD/B	25	53.1±0.3	47.04±0.1	38.84±0.05	41.3±0.25	8.23±0.05	12.6±0.25
JD/C	37	69.4±0.3	63.50±0.1	55.30±0.05	57.7±0.25	8.23±0.05	12.6±0.25
JD/D	50	66.9±0.3	61.11±0.1	52.68±0.05	55.3±0.25	11.07±0.05	15.37±0.25

Connector with socket, straight PCB

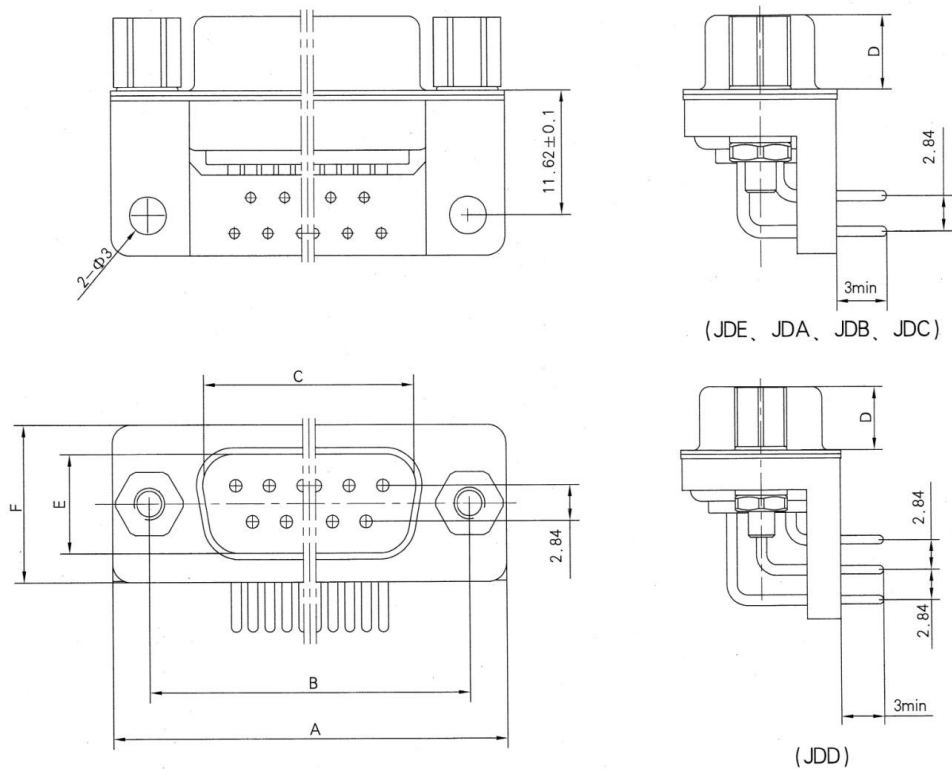


Shell	Contact number	A	B	C	D	E	F
JD/E	9	30.9±0.3	25.00±0.1	16.46±0.05	19.3±0.25	7.90±0.05	12.6±0.25
JD/A	15	39.1±0.3	33.32±0.1	24.79±0.05	27.5±0.25	7.90±0.05	12.6±0.25
JD/B	25	53.1±0.3	47.04±0.1	38.51±0.05	41.3±0.25	7.90±0.05	12.6±0.25
JD/C	37	69.4±0.3	63.50±0.1	54.97±0.05	57.7±0.25	7.90±0.05	12.6±0.25
JD/D	50	66.9±0.3	61.11±0.1	52.55±0.05	55.3±0.25	10.75±0.05	15.37±0.25

Size for Panel of straight PCB

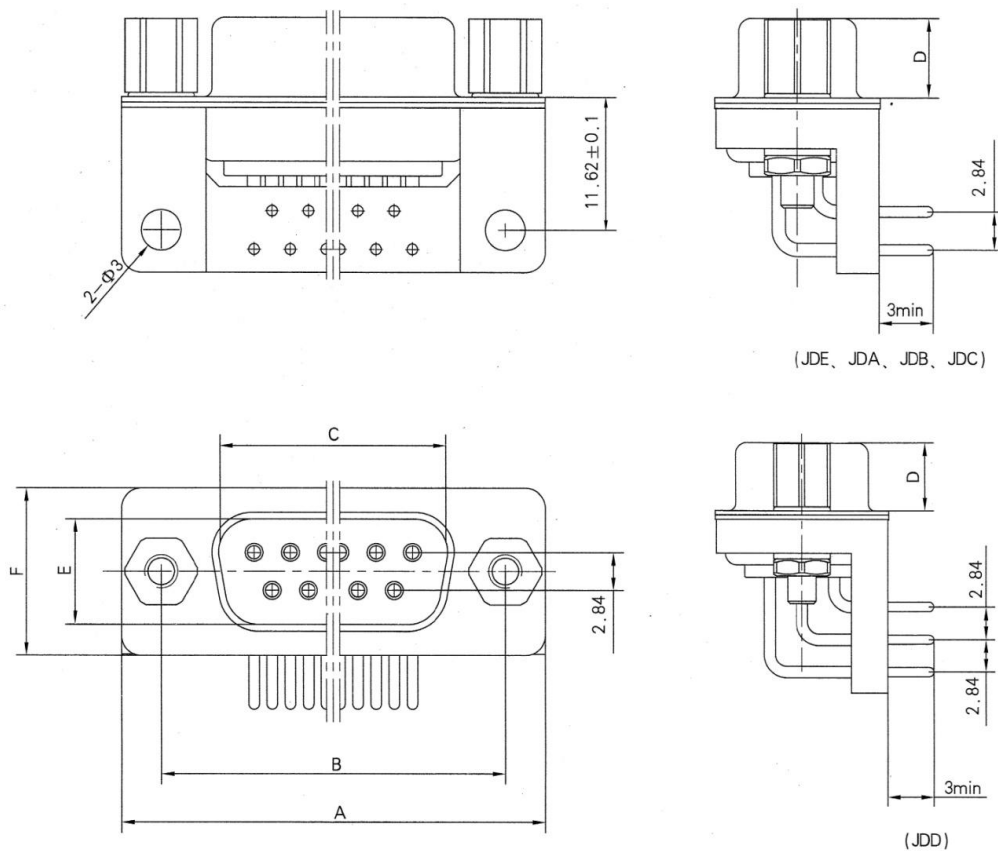


Connector with pin, 90° elbow PCB



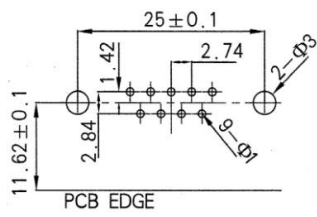
Shell	Contact number	A	B	C	D	E	F
JD/E	9	32.0-0.07	25.00±0.1	16.80+0.05	6.05-0.02	8.23+0.05	12.6±0.25
JD/A	15	40.3-0.07	33.32±0.1	25.12+0.05	6.05-0.02	8.23+0.05	12.6±0.25
JD/B	25	54.2-0.07	47.04±0.1	38.84+0.05	5.99-0.02	8.23+0.05	12.6±0.25
JD/C	37	70.5-0.07	63.50±0.1	55.30+0.05	5.99-0.02	8.23+0.05	12.6±0.25
JD/D	50	67.2-0.07	61.11±0.1	52.68+0.05	5.99-0.02	11.07+0.05	15.37±0.25

Connector with socket, 90° elbow PCB

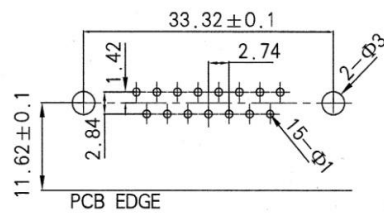


Shell	Contact number	A	B	C	D	E	F
JD/E	9	32.0-0.07	25.00±0.1	16.46+0.25	6.2-0.2	7.90±0.1	12.60±0.25
JD/A	15	40.3-0.07	33.32±0.1	27.79+0.25	6.2-0.2	7.90±0.1	12.60±0.25
JD/B	25	54.2-0.07	47.04±0.1	38.51+0.25	6.2-0.2	7.90±0.1	12.60±0.25
JD/C	37	70.5-0.07	63.50±0.1	54.97+0.25	6.2-0.2	7.90±0.1	12.60±0.25
JD/D	50	67.2-0.07	61.11±0.1	52.55+0.25	6.2-0.2	10.75±0.1	15.37±0.25

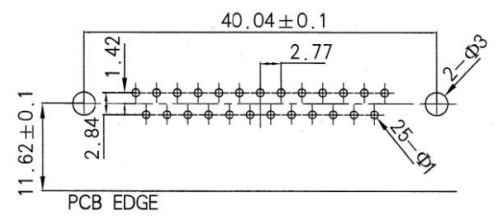
Size for Panel, 90° elbow PCB



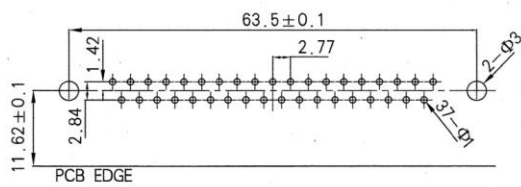
9



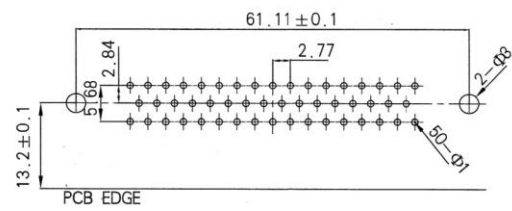
15



25



37



50