

SB600 series rectangle electrical connector



Conform to military connector standard ARINC600.

Part number

	SB6	0	2	F	G	13	W2	S	00	01	D
Basic series											
Hermetic											
Shell size											
See below											
Type of connector											
M = Plug											
F = Receptacle											
Mounting											
Layout of power chamber C											
Layout of signal chamber A, B											
Type of contact											
S = Crimp socket											
P = Crimp pin											
SH = Solder socket											
PH = Solder pin											
Key position number											
Insulation board position of chamber A, B											
Insulation board position of chamber C											

Performance specification

Temperature: -55 °C ~ +125 °C

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

Atmospheric pressure: 101.3 kPa ~ 4.39 kPa

Shock: Acceleration 980 m/s²

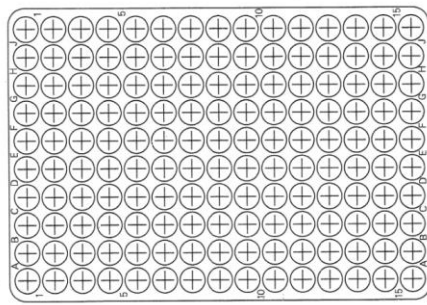
Vibration: 10 Hz ~ 2000Hz, acceleration 196 m/s²

Acceleration: 780 m/s²

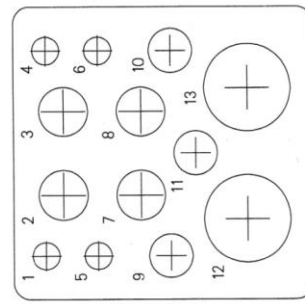
Electrical performance

Max rated voltage	Normal $\geq$ 1500VDC	Low pressure $\geq$ 250v	Humid $\geq$ 250v
Max rated current	22D # Contact (0.8mm) 3A (max)	12 # Contact (2.39mm) 20A (max)	
Insulation resistance	Normal $\geq$ 5000 M Ω	Elevated temperature $\geq$ 300 M Ω	Humid $\geq$ 10 M Ω
Contact resistance	22 D # Contac t $\leq$ 7.5 M Ω	12 # Contact $\leq$ 2 M Ω	

Contact layout



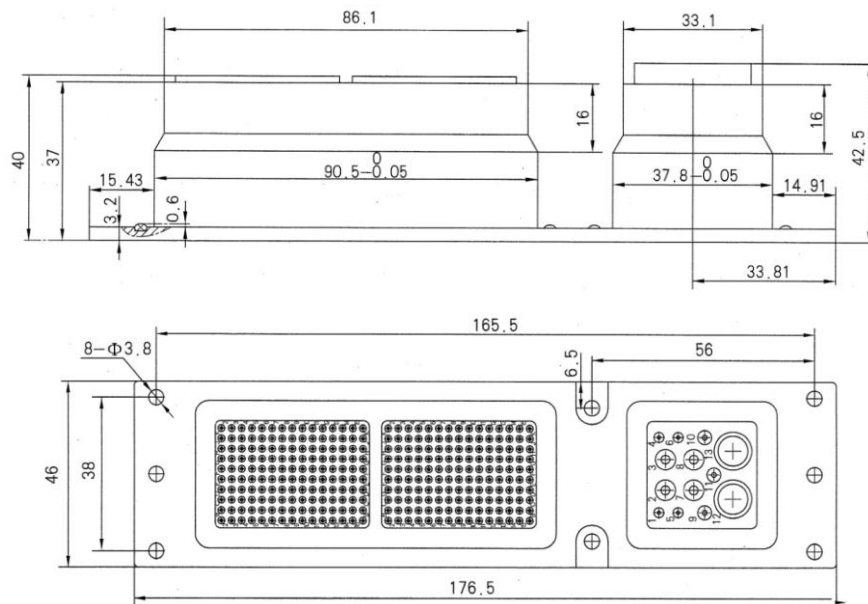
Chamber A, B



Chamber C

Shell size

Receptacle



Plug

