

Specification:

Rated current	120A
Rated voltage	600V
Insulation Resistance	5000MΩ
Contact Resistance	<140μΩ
Voltage Proof	2200VDC
Life: Without Load(Contact/Disconnect Cycles)	To 10000
Life: With Load(Hot Plug 250 Cycles & 120V)	60A
Flammability	UL94 V-0
Insertion Force	≥2.5kgf
Pullout Force	≥3kgf
Contact Barrel Wire Size	2AWG~6AWG
Connector Holding Force	450N Min
Environment Temperatures	-20°C...125°C

Material and Surface Performance:**Housing**

Housing Material	PC
Process of Production	Plastic Injection

Shrapnel

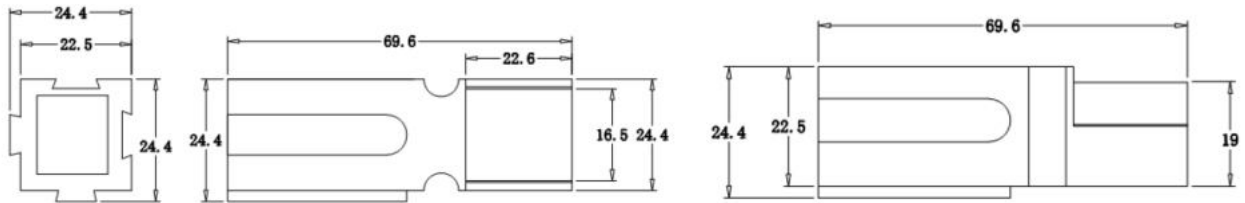
Shrapnel Material	Stainless Steel
Process of Production	Precision Punching

Terminal

Terminal Material	Red Copper
Process of Production	Precision Punching
Plating	Ag

Housing

Part Number	Housing Colour
RND 205SD120H-BL	Black
RND 205SD120H-BU	Blue
RND 205SD120H-RE	Red



Terminal

Part Number	-A-(mm)	-B-(mm)	-C-(mm)	-D-(mm)	Wire size	Current
RND 205SGD6811G2-T	50.7	10.8	8.7	21	2AWG	120A
RND 205SGD6811G4-T	50.7	10.8	7.5	21	4AWG	120A
RND 205SGD6811G6-T	50.7	10.8	5.6	21	6AWG	120A

