



Specification:

Rated current	50 A
Rated voltage	600 V
Insulation Resistance	5000 MΩ
Contact Resistance	55 ± 5 μΩ
Voltage Proof	2.2 kV DC
Life: Without Load(Contact/Disconnect Cycles)	To 10000
Life: With Load(Hot Plug 250 Cycles & 120V)	40 A
Flammability	UL94 V-0
The Insertion Force of Finished Products	≥ 1.5 kgf
The Pullout Force of Finished Products	≥ 2 kgf
Contact Barrel Wire Size	6 AWG ... 10/12 AWG
Connector Holding Force	250 N Min
Environment Temperatures	-20 ... 125 °C
Terminal Material	Red Copper
Process of Production	Precision Punching
Plating	Ag

Part Number	-A-(mm)	-B-(mm)	-C-(mm)	-D-(mm)	Wire size	Current
RND 205SGD5900-T	29.6	6.9	5.6	12.2	6AWG	50A
RND 205SGD5915-T	29.6	6.9	3.5	12.2	10-12AWG	50A
RND 205SGD5952-T	29.6	6.9	4.7	12.2	8AWG	50A

