

Datasheet

RS W81136 Series

RS Stock number [251-8367](#)



Specifications:

Contact

Resistance:	20 Milliohms Max
Current Rating:	1 amp max.
Dielectric Withstanding Voltage:	AC 650 Volts RMS at Sea Level
Material:	Half Hard Brass.
Plating: Tin:	6.0 microns pure bright tin over 2.5 microns nickel.
Gold:	Au/Ni 0.10µm Gold over 2.5µm Nickel

Moulding

Material:	30% Glass Fibre-Reinforced Polyester (Polybutylene Terephthalate - PBT)
Insulation Resistance:	5000 MΩ(contact to contact) at 500VDC
Arc Resistance:	145 seconds at 23 °C
Electrical Strength:	121KV/cm at 23°C
Dielectric Constant:	3.9 (48 hrs 90%RH) at 100Hz 23°C 4.5 at 100Hz 121 °C 3.7 (48 hrs 90%RH) at 1MHz 23 °C 4.3 at 1MHz 121 °C
Dissipation Factor:	0.0077 (48 hrs 30%RH) at 100Hz 23 °C 0.0300 at 100Hz 121 °C 0.0150 (48 hrs 30%RH) at 1MHz 23°C 0.0200 at 1MHz 121 °C
Volume Resistivity:	3 x 10 ¹³ Ω-CM (48 hrs 90%RH) at 25°C 1013ohms-CM at 121 °C
Operating Temperature:	-65°C to 150°C
Flammability:	UL94V-0

Dimensions:

