

Datasheet

Female Straight Red Open Top 2 Way 1 Row 2.54mm Pitch

RS Stock number [251-8698](#)



Specifications:

Resistance:	20M ohms max
Current Rating:	1 amp min.
Dielectric Withstanding Voltage:	AC 650 Volts RMS at Sea Level
Material:	Phosphor Bronze
Plating:	6.0um Pure Tin over 2.5um Nickel
Insertion Force:	340 grams max
Withdrawal Force:	50 grams min.
Material:	30% Glass Fibre-Reinforced Polyester (Polybutylene Terephthalate - PBT)
Insulation Resistance:	1010 Ohms (contact to contact) at 500VDC
Arc Resistance:	145 seconds at 23 degrees C
Electrical Strength:	121KV/cm at 23 degrees C
Dielectric Constant:	3.9 (48 hrs 90%RH) at 100Hz 23 degrees C 4.5 at 100Hz 121 degrees C 3.7 (48 hrs 90%RH) at 1MHz 23 degrees C 4.3 at 1MHz 121 degrees C
Dissipation Factor:	0.0077 (48 hrs 30%RH) at 100Hz 23 degrees C 0.0300 at 100Hz 121 degrees C 0.0150 (48 hrs 30%RH) at 1MHz 23 degrees C 0.0200 at 1MHz 121 degrees C
Volume Resistivity:	3 x 10 ¹³ ohms-CM (48 hrs 90%RH) at 25 degrees C 1013ohms-CM at 121 degrees C
Operating Temperature:	-65 to 150 degrees C
Flammability:	UL94V-0

Drawing (mm):

