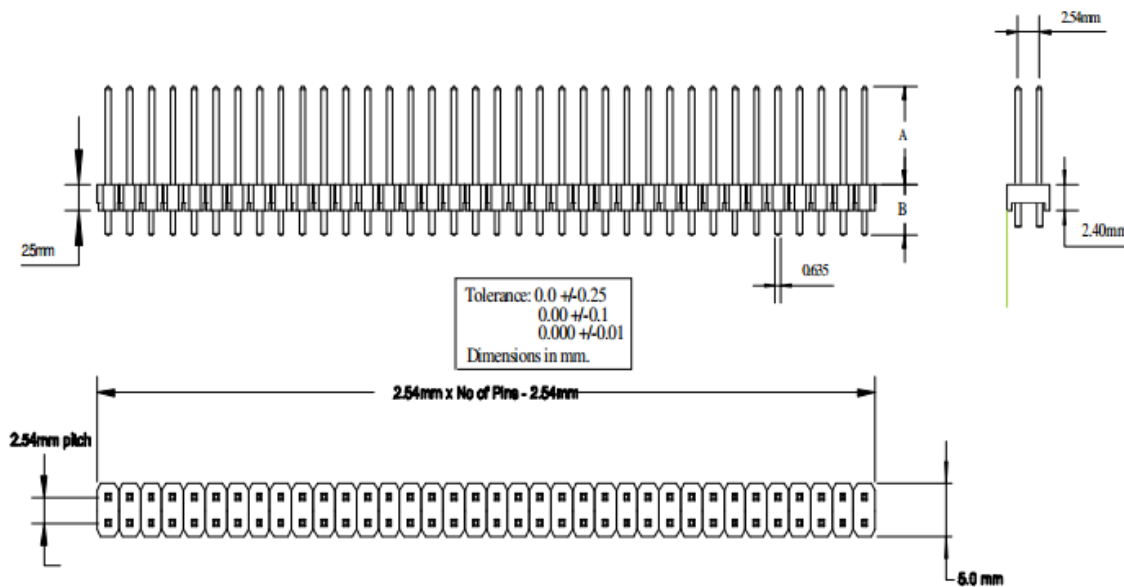


Datasheet

6 Way 2 Row Straight PCB Header, Solder Termination

RS Stock number [251-8137](#)

Dimensions: (mm)



Specifications

Contact	Moulding
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Material: 30% Glass Fibre-Reinforced Polyester (Polybutylene Terephthalate - PBT) Insulation Resistance: 5000 Megohms (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 10¹³ohms-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