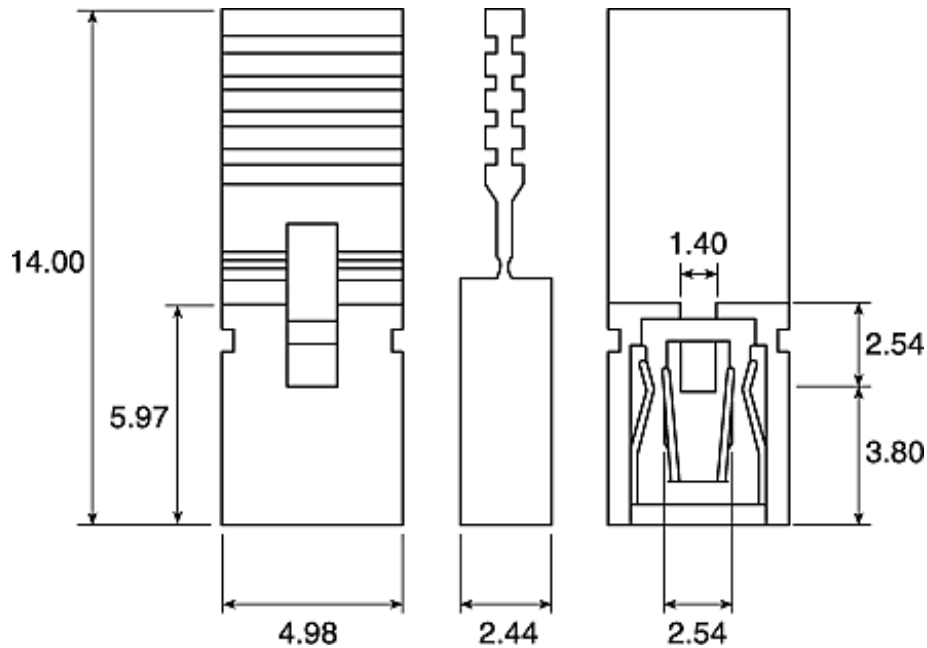




## Data Sheet – Thumb Pull Shorting Link W803xT50RC

Thumb pull shorting link with a 2.54mm pitch designed to mate with 0.6mm sq headers with a recommended header length of 4.3mm min. This 2.54mm thumb pull shorting link has bright tin plated phosphor bronze contacts and a glass filled PBT UL94V housing available in a variety of colours.



Part Number	Colour
W8030T50RC	BLACK
W8031T50RC	BLUE
W8032T50RC	YELLOW
W8033T50RC	RED
W8034T50RC	GREEN
W8035T50RC	WHITE



## Data Sheet – Thumb Pull Shorting Link W803xT50RC

General Specifications. Unless stated all values are typical.

### **Contact**

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.

### **Moulding**

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 <sup>13</sup> ohms-CM (48 hrs 90%RH) at 25 degrees C 10 <sup>13</sup> ohms-CM at 121 degrees C
Operating Temperature:	-65 to 150 degrees C
Flammability:	UL94V-0