

Technical Data Sheet

Product Name : Terminal Assemblies, Product Group 20

Suitable for both 1.6mm thick pcbs long leg version for 2.4mm thick pcbs

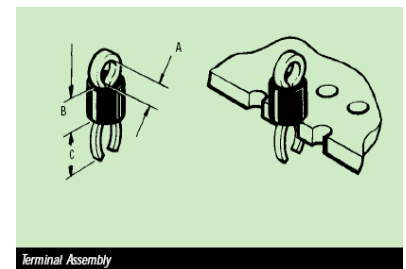
Product Codes :

| <u>Part No.</u> | <u>Description</u> |
|--|---|
| Hole size 1.02mm for 1.6mm pcb | |
| 20-2137 | BLACK BEAD TERM'L ASSY 1.02 mm hole |
| 20-313137 | RED BEAD TERMINAL ASSY FOR 1.02 mm hole |
| 20-313138 | GREEN BEAD TERMINAL ASSY FOR 1.02 mm hole |
| 20-313139 | WHITE BEAD TERMINAL ASSY 1.02 mm hole |
| 20-313140 | YELLOW BEAD TERMINAL ASSY FOR 1.02 mm hole |
| Hole size 1.32mm for 1.6mm pcb | |
| 20-2136 | BLACK BEAD TERM'L ASSY 1.32 mm hole |
| 20-313141 | RED BEAD TERMINAL ASSY FOR 1.32 mm hole |
| 20-313142 | GREEN TERMINAL ASSEMBLY FOR 1.32 mm hole |
| 20-313143 | WHITE BEAD TERMINAL ASSY. FOR 1.32 mm hole |
| 20-313144 | YELLOW BEAD TERMINAL ASSY. FOR 1.32 mm hole |
| Hole size 1.32mm, for 2.4mm pcb | |
| 20-313145 | BLACK BEAD TERM'L ASSY 1.32 DIA, LONG LEG |
| 20-313146 | RED BEAD TERMINAL ASSY FOR 1.32 DIA, LONG LEG |
| 20-313147 | GREEN TERMINAL ASSEMBLY 1.32 DIA, LONG LEG |
| 20-313148 | WHITE BEAD TERMINAL ASSY. FOR 1.32 DIA, LONG LEG |
| 20-313149 | YELLOW BEAD TERMINAL ASSY. FOR 1.32 DIA, LONG LEG |

The assembly consists of 2 parts, a formed wire loop and a sintered glass bead:-

Wire Loop Dimensions:-

| Hole Size | Nominal hole Ø | Dim. A (mm) | Dim. B (mm) | Dim. C (mm) |
|--------------------|-------------------|----------------|----------------|----------------|
| 1.02 mm | 1,0 ±0,1 mm | 1,1 - 1,3 | 3,1 - 3,3 | 2,3 - 2,5 |
| 1.32mm | 1,4 ±0,2 mm | 2,0 - 2,2 | 2,9 - 3,1 | 3,2 - 3,4 |
| 1.32mm Long leg | 1,4 ±0,2 mm | 2,0 - 2,2 | 2,9 - 3,1 | 3.4 - 3.6 |



Wire Loop;- Material: Phosphor Bronze: (BS2873) PB102 Cu Sn5
 Common names: 5% Phosphor Bronze
 A copper-tin alloy with an alpha phase structure and containing a small amount of phosphorus.

| Composition (weight %) | % age of total weight of wire |
|------------------------|-------------------------------|
| Sn | 4.5 – 5.5 |
| P | 0.02 – 0.40 |
| Cu | remainder |

Wire Loop; Plating : Electroplated Bright Tin, 3.0 - 5.0 microns

Sintered Glass Bead :- Bead material: Boro Silicate Sintered Glass
 Properties: Loss angle at 1Mhz (20°C) 5.7/.003