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Technical Data Sheet

Product Name : Terminal Assemblies, Product Group 20 -XXXX

These products fully comply with current RoHS regulations and are compatible with 260C Pb free assembly process (3x). Max sustained temperature is 350C.

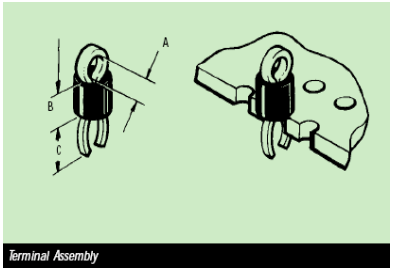
Product Codes :

Part No.	Description
	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



Terminal Assembly

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 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