

**Specification Status: Released**

**Electrical Rating**

Voltage: 16Vdc MAX  
Current: 100A MAX

**Terminal Material:**

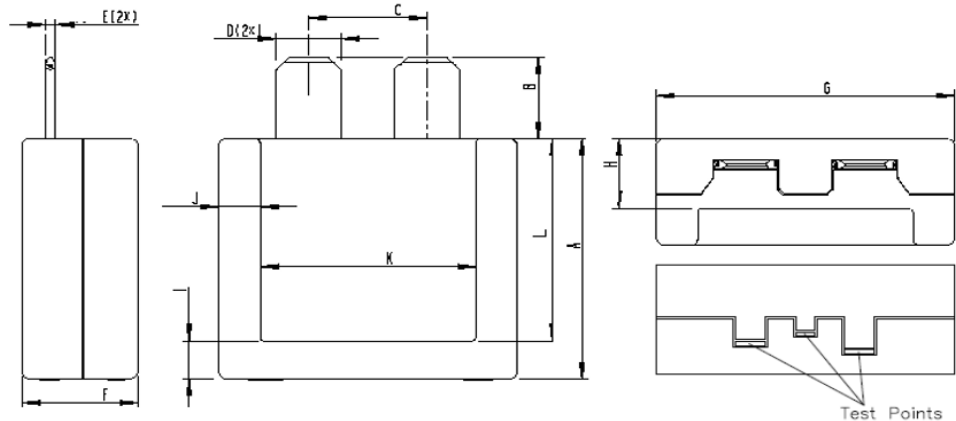
Brass H65  
Thickness: 0.8mm  
Tin plating thickness:  
5 µm

**Insulating Material:**

Red color PBT

**Marking:**

XX - Manufacturer's  
Mark  
BD540-10 - Part ID  
- Lot Number



**TABLE I. DIMENSIONS:**

A		B		C		D		E		F		G	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
21.65	22.36	7.06	7.74	9.35	10.55	5.28	5.72	0.7	0.83	9.5	10	24.75	25.4
0.852	0.880	0.278	0.305	0.368	0.415	0.208	0.225	0.028	0.033	0.374	0.394	0.974	1.000

mm  
in\*

H		I(Ref.)		J(Ref.)		K(Ref.)		L(Ref.)	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
6.05	6.65	3.4	3.6	3.4	3.6	18	18.2	18.4	18.6
0.238	0.262	0.134	0.142	0.134	0.142	0.709	0.717	0.724	0.732

\*Rounded off approximation

**TABLE II: PERFORMANCE RATINGS:**

INITIAL RESISTANCE VALUES		TIME TO TRIP AT 60AMPS	TRIP CURRENT AT Rmin	R1max ONE-HOUR POST-TRIP RESISTANCE	HOLD CURRENT AT Rmax	TRIPPED-STATE POWER DISSIPATION
OHMS AT 25°C MIN	OHMS AT 25°C MAX	SECONDS AT 25°C MAX	AMPS AT 25°C MAX	OHMS AT 25°C MAX	AMPS AT 25°C MIN	WATTS AT 20°C, 14V TYP
0.0078	0.0120	7.0	18	0.0180	7	5.8

Reference Documents: PS300, PS400

Precedence:

Effectivity:

CAUTION:

This specification takes precedence over documents referenced herein.

Reference documents shall be the issue in effect on the date of invitation or bid.

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame. When using a test probe to probe either of the two test points on the top of the device, care should be taken to avoid puncturing through the insulating material of the device, as this can result in shorting out the terminals which can cause electrical arcing or flame.

**Materials Information**

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC  
Compliant

Directive 2000/53/EC  
Compliant



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