

Specification Status: Released

Electrical Rating

Voltage: 14 Vdc MAX
Current: 100 A MAX

Terminal Material:

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

Insulating Material:

Red color PBT, Meets
UL94V-0 Requirements

Marking:

XX - Manufacturer's Mark
14VDC - Voltage Rating
BD280-1130-10 - Part ID
□□□□ - Lot Number

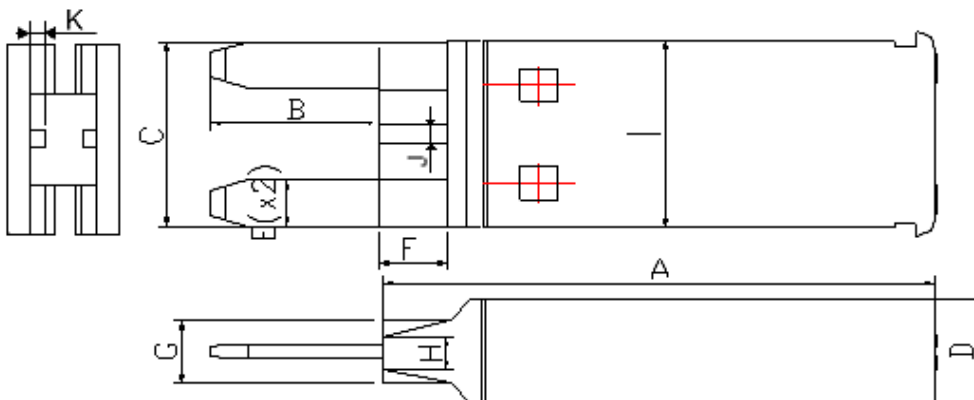


TABLE I. DIMENSIONS:

mm:
in*:

A		B		C		D		E(x2)		F	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
29.5	30.1	8.7	9.3	10.75	11.25	6.05	6.65	2.55	3.05	3.3	3.9
1.173	1.185	0.343	0.366	0.423	0.443	0.238	0.262	0.1	0.12	0.13	0.154

G		H		I		J		K	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
3.4	4	1.7	2.3	10.9	11.5	0.8	1.2	0.6	1.0
0.134	0.157	0.067	0.091	0.429	0.453	0.031	0.047	0.024	0.039

*Rounded off approximation

TABLE II: PERFORMANCE RATINGS:

INITIAL RESISTANCE VALUES		TIME TO TRIP AT 40AMPS		TRIP CURRENT AT Rmin		R1max ONE-HOUR POST-TRIP RESISTANCE		HOLD CURRENT AT R1max		TRIPPED- STATE POWER DISSIPATION	
OHMS AT 25°C		SECONDS AT 25°C		AMPS AT 25°C		OHMS AT 25°C		AMPS AT 25°C		WATTS AT 20°C, 14V TYP	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
0.0095	0.0135	8.0		13.0		0.0185		8.0		4.4	

Reference Documents:

Precedence:

Effectivity:

CAUTION:

PS300, PS400 & SAE-J2685

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.

Materials Information

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

