

Specification Status: Released

Electrical Rating

Voltage: 14Vdc MAX

Current: 100A MAX

Terminal Material:

Brass H65

Thickness: 0.8mm

Tin plating thickness: 5µm

Insulating Material:

White color PBT, Meets

UL94V-0 Requirements

Marking:

XX - Manufacturer's Mark

14VDC - Voltage Rating

BD280-1927-25 - Part ID

□□□□ - Lot Number

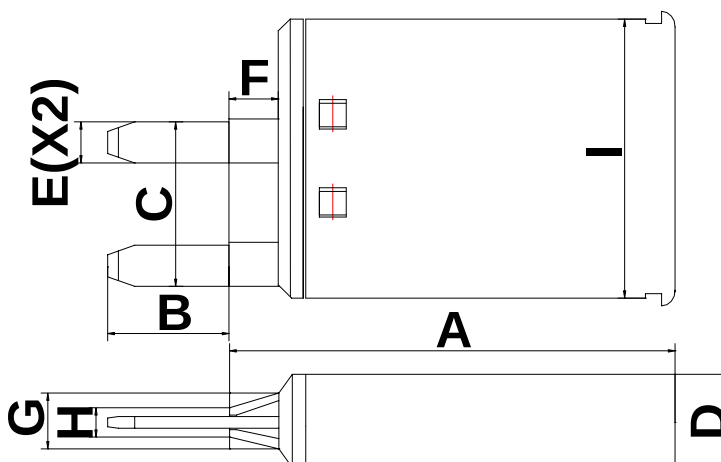


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	26.65	27.35	8.6	9.2	10.75	11.25	6.05	6.65	2.55	3.05	1.8	2.2
in*:	(1.049)	(1.077)	(0.339)	(0.362)	(0.423)	(0.443)	(0.238)	(0.262)	(0.1)	(0.12)	(0.071)	(0.087)

G		H		I	
MIN	MAX	MIN	MAX	MIN	MAX
3.5	3.9	1.7	2.3	19	19.4
(0.138)	(0.154)	(0.067)	(0.091)	(0.748)	(0.764)

*Rounded off approximation

TABLE II: PERFORMANCE RATINGS:

INITIAL RESISTANCE VALUES		TIME TO TRIP AT 100AMPS	TRIP CURRENT AT Rmin	R1max ONE-HOUR POST-TRIP RESISTANCE	HOLD CURRENT AT R1max	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
0.0024	0.0033	13	32	0.0042	20	6.0

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



SUPERSEDED
NOT the LATEST REVISION