

Specification Status: Released

Maximum Electrical Rating

Operating Voltage: 20Vdc

Interrupt Current: 100A

Chip Size: 8 x 33mm

Leads: Nickel 1/2H
0.3mm nominal thickness

Tape: Polyester (White)
35 mm nominal width

Solder: Lead-free

Marking (Color: Green) :

- Manufacturer's Mark
- XX E90 — Part Identification
- — Lot Identification

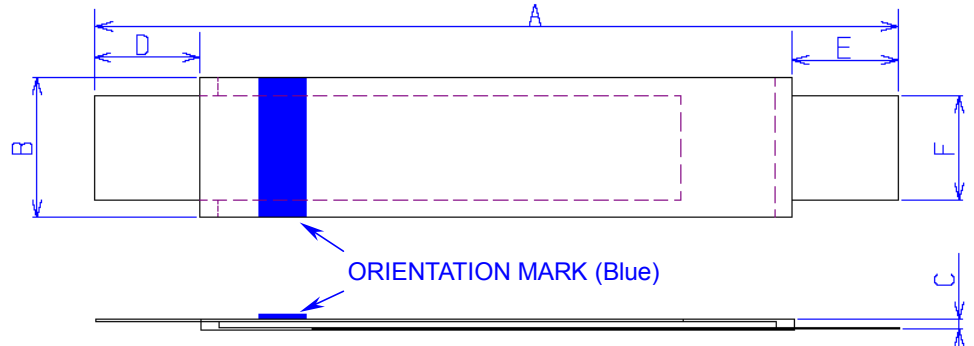


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
Mm:	45.4	47.6	7.9	8.5	0.9	1.3	4.6	6.2	4.6	6.2	5.9	6.1
In*:	(1.79)	(1.87)	(0.31)	(0.33)	(0.04)	(0.05)	(0.18)	(0.24)	(0.18)	(0.24)	(0.23)	(0.24)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips model BU-75K.

I HOLD	CURRENT TRIP LIMITS								TIME TO TRIP		REFERENCE RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE		TRIPPED-STATE POWER DISSIPATION
	AMPS 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	AMPS AT 70°C HOLD	AMPS AT 70°C TRIP	SECONDS AT 20°C, 45.0A MIN	SECONDS AT 20°C, 45.0A MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	WATTS AT 20°C, 20V MAX	
9.0	10.0	18.7	9.0	16.7	6.2	11.6	5.5	10.3	---	5	0.006	0.010	0.006	0.014	3.8

Agency Recognitions:
Reference Documents:
Precedence:
Effectivity:
CAUTION:
Materials Information:

UL, TUV, CSA
PS300

This specification takes precedence over documents referenced herein.

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

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

