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

E90 — Part Identification

□□□□ — Lot Identification

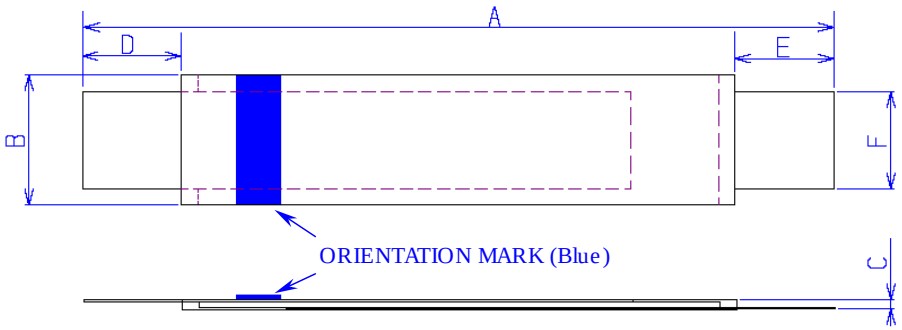


TABLE I. DIMENSIONS:

	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	AMPS AT 0°C		AMPS AT 20°C		AMPS AT 60°C		AMPS AT 70°C		SECONDS AT 20°C, 45.0A		OHMS AT 20°C		OHMS AT 20°C		WATTS AT 20°C, 20V
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MIN	MAX	MIN	MAX	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

Angency Recognitions: UL, TUV, CSA
Reference Documents: PS300
Precedence: This specification takes precedence over documents referenced herein.
Effectivity:Reference documents shall be the issue in effect on the date of invitation for bid.
CAUTION: Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

MATERIALS INFORMATION:

ROHS Compliant — Directive 2002/95/EC Compliant

ELV Compliant — Directive 2000/53/EC Compliant

Pb-Free

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Revised July 26, 2016

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