

**Specification Status: Released**

**Electrical Rating**

**Voltage: 20V MAX**  
**Current: 100A MAX**

Chip Size: 10 X 12mm

Leads: Nickel 1/4H  
 0.125mm nominal thickness

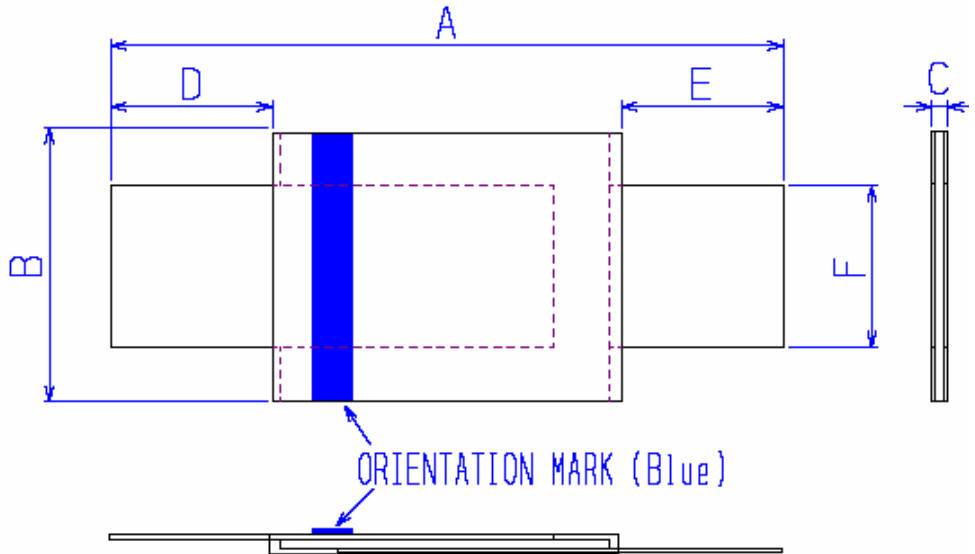
Tape: Polyester (White)  
 13.0mm nominal Width

Solder: Lead-free

Marking: (Color: Green)  
 \_\_\_\_\_ Manufacturer's Mark

XX E45 \_\_\_\_\_ 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:	24.0	26.0	9.9	10.5	0.6	1.0	5.3	6.7	5.3	6.7	5.9	6.1
in*:	(0.94)	(1.02)	(0.39)	(0.41)	(0.02)	(0.04)	(0.21)	(0.26)	(0.21)	(0.26)	(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 -20°C HOLD	AMPS AT -20°C TRIP	SECONDS AT 20°C, 22.5A TYP	SECONDS AT 20°C, 22.5A 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 TYP	WATTS AT 20°C, 20V MAX	
4.5	5.3	10.4	4.5	8.9	3.3	6.5	--	--	--	5	0.011	0.020	0.011	0.028	--	2.3

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

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.

**Materials Information:**

**ROHS Compliant**

Directive 2002/95/EC Compliant

**ELV Compliant**

Directive 2000/53/EC Compliant

**Pb-Free**

