

**Specification Status: Released**

**Maximum Electrical Rating**

**Operating Voltage: 12Vdc**  
**Interrupt Current: 100A**

Chip Size: 3 X 12 mm

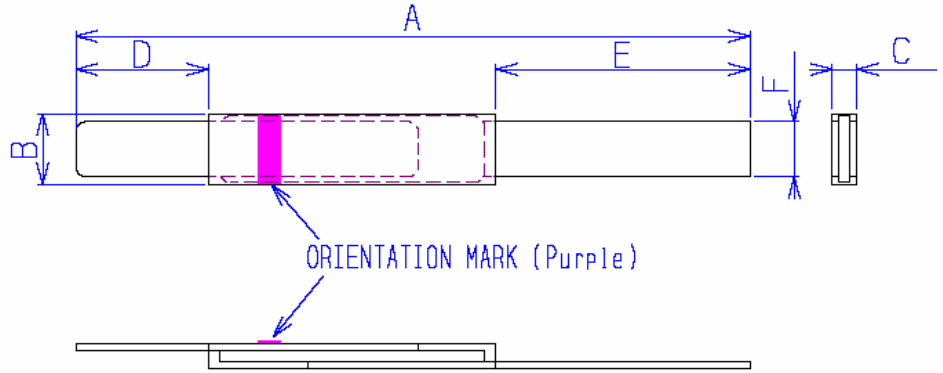
Leads: Nickel 1/4H  
0.125mm nominal thickness

Tape: Polyester (White)  
13mm nominal width

Solder: Lead-free

Marking: (Color: Green)

- Manufacturer's Mark
- XX R1X — 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:	29.3	31.7	2.9	3.3	---	0.8	5.2	6.8	10.0	12.5	2.4	2.6
in*:	(1.15)	(1.25)	(0.11)	(0.13)	--	(0.03)	(0.20)	(0.27)	(0.39)	(0.49)	(0.09)	(0.10)

\*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 25°C HOLD		AMPS AT 0°C		AMPS AT 25°C		AMPS AT 60°C		AMPS AT 80°C		SECONDS AT 25°C, 8.75A		OHMS AT 25°C		WATTS AT 25°C, 12V MAX		
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MIN	MAX		MIN	MAX
1.75	2.4	5.6	1.75	4.2	0.8	2.0	---	---	---	---	5	---	0.017	0.031	0.017	0.062	1.4

Agency 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

