

### Specification Status: Released

#### Maximum Electrical Rating

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

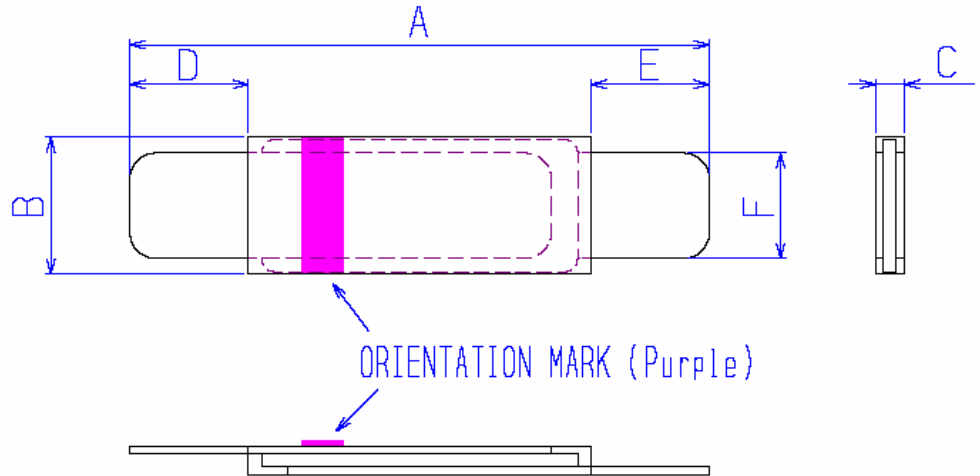
Chip Size: 5 X 12mm

Leads: Nickel 1/4H  
0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester (White)  
13 mm nominal width

- Marking: (Color: Green)
- Manufacturer's Mark
  - ✕ R23 — 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:	20.9	23.1	4.9	5.3	---	0.8	4.1	5.8	4.1	5.8	3.9	4.1
in*:	(0.82)	(0.91)	(0.19)	(0.21)	--	(0.03)	(0.16)	(0.23)	(0.16)	(0.23)	(0.15)	(0.16)

\*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 AT 0°C		AMPS AT 25°C		AMPS AT 60°C		AMPS AT --°C						OHMS AT 25°C		WATTS AT 25°C, 12V	
25°C HOLD	AT 0°C HOLD	AT 0°C TRIP	AT 25°C HOLD	AT 25°C TRIP	AT 60°C HOLD	AT 60°C TRIP	AT --°C HOLD	AT --°C TRIP	SECONDS AT 25°C, 10.0A TYP	SECONDS AT 25°C, 10.0A MAX	MIN	MAX	TYP	MAX	TYP	MAX
2.3	3.4	6.6	2.3	5.0	0.9	2.3	---	---	2.4	5	0.012	0.018	0.031	0.036	1.4	2.5

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**



**ELV Compliant**



**Pb-Free**

