

**Specification Status: Released**
**Maximum Electrical Rating**

Operating Voltage: 12Vdc

Interrupt Current: 100A

Chip Size: 5 X 12mm

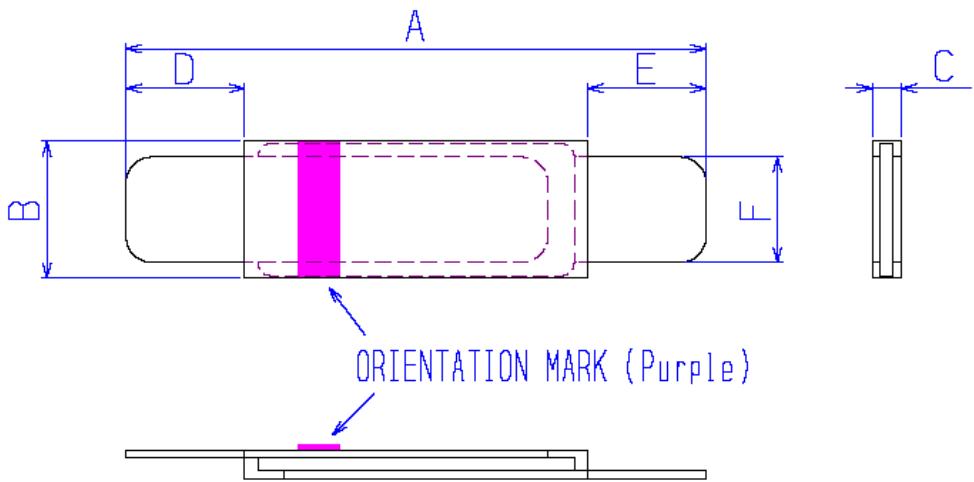
 Leads: Nickel 1/4H  
 0.125mm nominal thickness

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 25°C HOLD	AMPS AT 0°C HOLD	AMPS AT 25°C HOLD	AMPS AT 60°C HOLD	AMPS AT --°C HOLD	SECONDS AT 25°C, 10.0A TYP				
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**

 Directive 2002/95/EC  
 Compliant

**ELV Compliant**

 Directive 2000/53/EC  
 Compliant

**Pb-Free**
