

**Specification Status: Released**

**Maximum Electrical Rating**

**Operating Voltage: 16Vdc**  
**Interrupt Current: 100A**

Chip Size: 5 X 12mm

Leads: Nickel 1/4H  
0.125mm nominal thickness

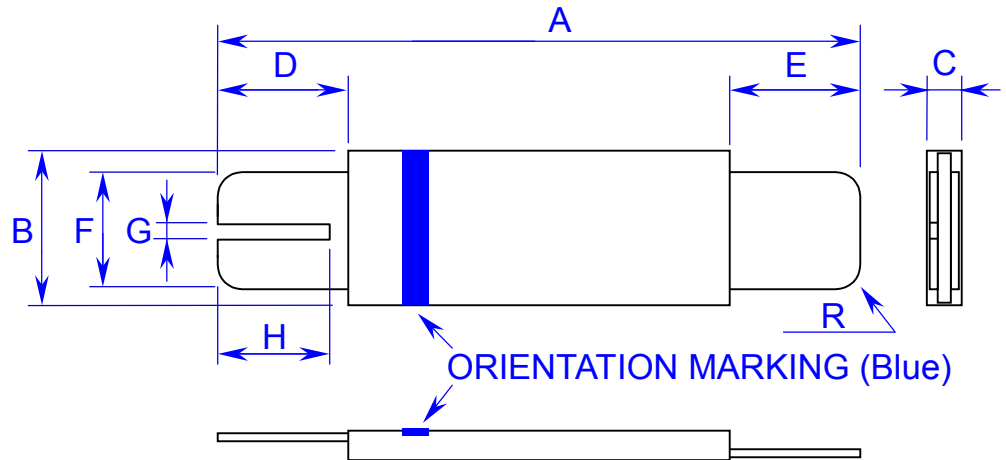
Tape: Polyester  
13.0 mm nominal width

Solder: Lead-Free

Marking: (Color: Green)  
Manufacturer's Mark

✕ V21 — Part Identification

□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

A		B		C		D		E		F		G		
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
mm:	20.9	23.1	4.9	5.3	0.6	0.8	4.1	5.8	4.1	5.8	3.9	4.1	0.3	0.7
in*:	(0.82)	(0.91)	(0.19)	(0.21)	(0.02)	(0.03)	(0.16)	(0.23)	(0.16)	(0.23)	(0.15)	(0.16)	(0.01)	(0.03)

H		J		K		M		N		P		R	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP	MAX
mm:	3.8	4.2	--	--	--	--	--	--	--	--	--	1.0	---
in*:	(0.15)	(0.17)	--	--	--	--	--	--	--	--	--	(0.04)	--

\*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 25°C HOLD		AMPS AT 0°C HOLD		AMPS AT 25°C TRIP		AMPS AT 60°C TRIP		AMPS AT 80°C TRIP		SECONDS AT 25°C, 10.0A TYP		OHMS AT 25°C MIN		OHMS AT 25°C MAX		WATTS AT 25°C, 16V TYP
	2.1	2.9	6.0	2.1	4.7	1.0	2.8	0.4	1.7	1.7	5	0.018	0.030	0.018	0.060	1.2	1.5

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**

**ELV Compliant**

**Pb-Free**

Directive 2002/95/EC  
Compliant

Directive 2000/53/EC  
Compliant

