

**Specification Status: Released**

**Maximum Electrical**

**Rating**

**Operating Voltage: 16Vdc**  
**Interrupt Current: 60A**

Chip Size: 2.8 X 9.6 mm

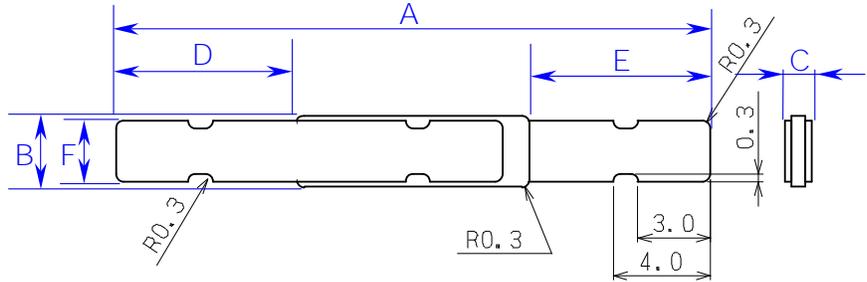
Leads: Nickel 1/2H

0.125mm nominal thickness

Solder: Lead-free

Tape: None

Marking: None



\*Dimension values on the drawing are for reference only.

**TABLE I. DIMENSIONS:**

A		B		C		D		E		F	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
23.6	25.6	2.7	2.9	---	0.7	7.0	8.0	7.0	8.0	2.3	2.5
(0.93)	(1.01)	(0.11)	(0.11)	---	(0.03)	(0.28)	(0.31)	(0.28)	(0.31)	(0.09)	(0.98)

\*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		AMPS AT 0°C		AMPS AT 25°C		AMPS AT 60°C			AMPS AT --°C		OHMS AT 25°C			OHMS AT 25°C	
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		HOLD	TRIP	MIN	MAX		MIN	MAX
1.75	2.3	5.3	1.75	3.9	0.9	2.2	---	---	---	5.0	0.023	0.041	0.023	0.082	1.8	

Agency Recognitions:

UL, CSA, TUV

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**

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant





**PolySwitch®**  
**PTC Devices**  
Overcurrent Protection Device

**PRODUCT: VLP175UAF**

DOCUMENT: SCD25835  
PCN: D55286  
REV LETTER: E  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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