

Specification Status: Released
Maximum Electrical Rating

Operating Voltage: 16Vdc

Interrupt Current: 100A

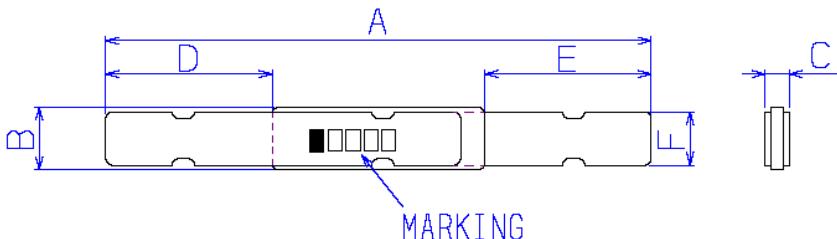
Chip Size: 2.8 X 9.6mm

 Leads: Nickel 1/2H
 0.125mm nominal thickness

Tape: None

Solder: Lead-free

Marking:

 — Lot Identification

TABLE I. DIMENSIONS:

mm:	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	23.6	25.6	2.7	2.9	---	0.7	7.0	8.0	7.0	8.0	2.3	2.5
in*:	(0.93)	(1.01)	(0.11)	(0.11)	--	(0.03)	(0.28)	(0.31)	(0.28)	(0.31)	(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 HOLD	AMPS AT 25°C HOLD	AMPS AT 60°C HOLD	SECONDS AT 20°C, 5.5A	OHMS AT 25°C	OHMS AT 25°C	WATTS AT 25°C, 16V MAX	MIN	MAX	MIN	MAX
					MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1.1	1.4	3.4	1.1	2.7	0.7	1.7	---	5	0.038	0.070	0.038	0.140

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

 Directive 2002/95/EC
 Compliant

 Directive 2000/53/EC
 Compliant




Expertise Applied | Answers Delivered

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: VTP110F

DOCUMENT: SCD25357

REV LETTER: F

REV DATE: JULY 26, 2016

PAGE NO.: 2 OF 2

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