

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

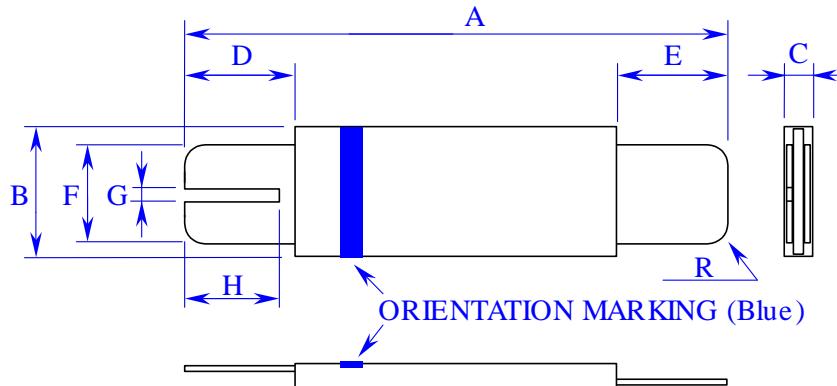
13.0 mm nominal width

Solder: Lead-Free

Marking: (Color: Green)

— Manufacturer's Mark

 V21 — Part Identification

 — Lot Identification

TABLE I. DIMENSIONS:

mm:	A		B		C		D		E		F		G	
	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)

mm:	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 25°C	AMPS AT 0°C		AMPS AT 25°C		AMPS AT 60°C	AMPS AT 80°C	SECONDS AT 25°C, 10.0A	OHMS AT 25°C	OHMS AT 25°C	WATTS AT 25°C, 16V		
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	TYP	MAX
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: 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: VTP210SF

DOCUMENT: SCD25396

PCN: C02426

REV LETTER: E

REV DATE: JULY 26, 2016

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