



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**Specification Status: Released**

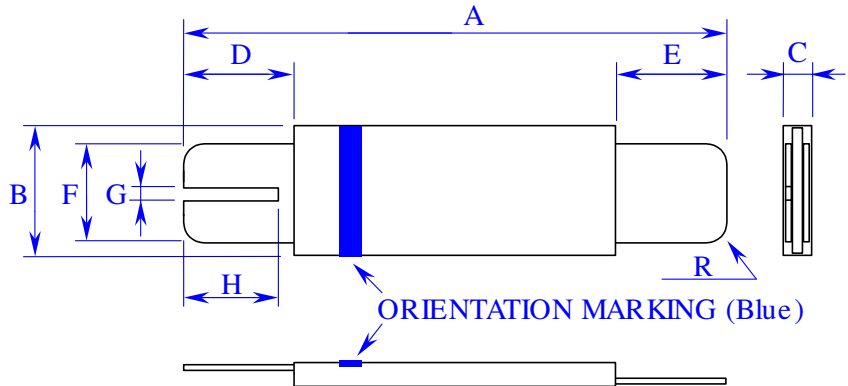
**Maximum Electrical Rating**

**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
- XX 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 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	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	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**

Directive 2002/95/EC Compliant

**ELV Compliant**

Directive 2000/53/EC Compliant

**Pb-Free**





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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