

Specification Status: Released

Maximum Electrical Rating

Operating Voltage: 16Vdc MAX

Interrupt Current: 60A MAX

Chip Size: 3.6 X 10 mm

Leads: Nickel

0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester

11mm nominal width

Marking: (Color: Green)

Manufacturer's Mark

XX W22 — Part Identification

□□□□ — Lot Identification

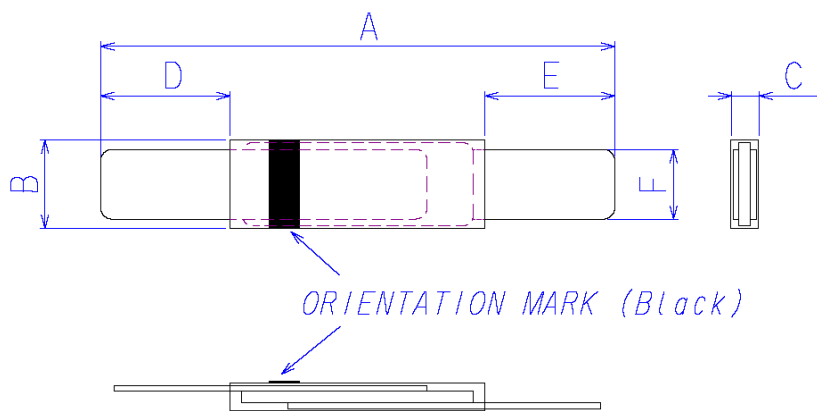


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	21.1	23.3	3.5	3.9	0.6	0.8	5.1	6.8	5.1	6.8	2.9	3.1
in*:	(0.83)	(0.91)	(0.14)	(0.15)	(0.02)	(0.03)	(.20)	(0.27)	(0.20)	(0.27)	(0.11)	(0.12)

*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		SECONDS AT 25°C, 11.0A		OHMS AT 25°C		OHMS AT 25°C		WATTS AT 25°C, 16V
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP								TYP	MAX	MIN	MAX	MIN	MAX	MAX		
2.2	3.0	7.0	2.2	5.3	1.1	3.1	---	---	---	5	0.017	0.029	0.017	0.058	1.8									

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 2000/53/EC
Compliant

ELV Compliant

Directive 2002/95/EC
Compliant

Pb-Free



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: VLP220F

DOCUMENT: SCD25620
PCN: RF0515
REV LETTER: E
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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