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## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: VLP220F

DOCUMENT: SCD25620 PCN: RF0515 REV LETTER: E

ORIENTATION MARK (Black)

REV DATE: MAY 14, 2011 PAGE NO.: 1 OF 1

## **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

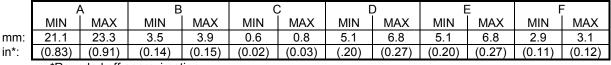
Marking: (Color: Green)

Manufacturer's Mark

W22 — Part Identification

Lot Identification

## TABLE I. DIMENSIONS:



<sup>\*</sup>Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips model BU-75K.

I HOLD	CURRENT TRIP LIMITS									E TO	REFERENCE		ONE-	HOUR	TRIPPED-
										TRIP RESISTANCE		POST	-TRIP	STATE	
													RESISTANCE		POWER
															DISSIPATION
AMPS	AMPS		AMPS		AMPS		AMPS		SECONDS AT		OHMS		OHMS		WATTS AT
25°C	AT 0°C		AT 25°C		AT 60°C		AT°C		25°C, 11.0A		AT 25°C		AT 25°C		25°C, 16V
HOLD	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** 

**ELV Compliant** 

Pb-Free

Directive 2000/53/EC Compliant

Directive 2002/95/EC Compliant



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