

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: VLP220F

DOCUMENT: SCD25620 PCN: RF0515 REV LETTER: E

REV DATE: JULY 26, 2016 PAGE NO.: 1 OF 2

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

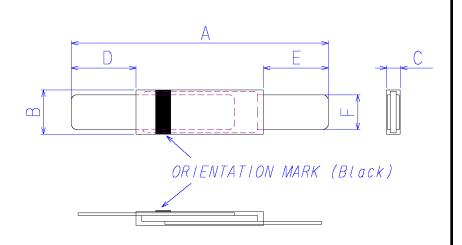


TABLE I. DIMENSIONS:

	Α		В		С				Е		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									TO	REFE	RENC	ONE-	HOUR	TRIPPED-	
										RIP	E		POST-TRIP		STATE	
											RESISTANC		RESISTANCE		POWER	
										E			į		DISSIPATION	
AMPS	AMPS		AMPS		AMPS		AMPS		SECONDS		OHMS		OHMS		WATTS AT	
25°C	AT 0°C		AT 25°C		AT 60°C		AT°C		AT 25°C,		AT 25°C		AT 25°C		25°C, 16V	
								11.0A								
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

Directive 2000/53/EC Compliant **ELV Compliant**

Directive 2002/95/EC Compliant Pb-Free





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