

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: VLP210ULF

DOCUMENT: SCD26161
PCN: C35916
REV LETTER: C
REV DATE: MAY 11, 2011
PAGE NO.: 1 OF 1

Specification Status: Preliminary

Maximum Electrical Rating

Operating Voltage: 16Vdc

Interrupt Current: 60A

Chip Size: 5 X 7mm

Leads: Nickel 1/2H

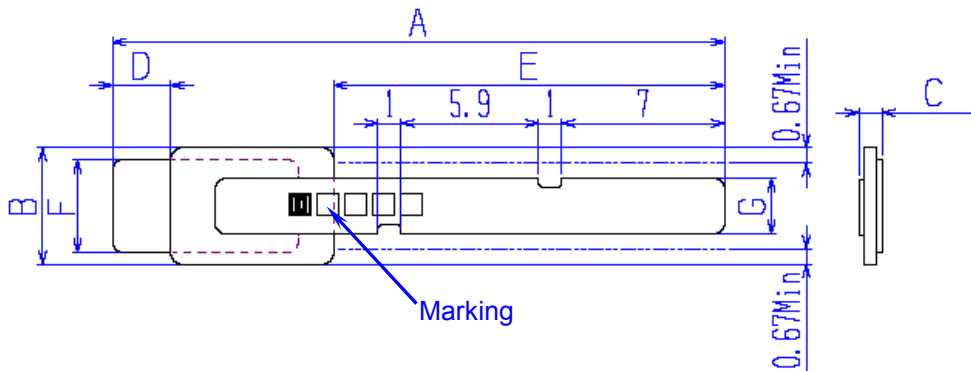
0.1mm nominal thickness

Solder: Lead-free

Tape: None

Marking:

□ □ □ □ — Lot Identification



*Dimension values on the drawing are for reference only.

TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
mm:	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
in*:	25.3	27.3	4.9	5.1	---	0.6	2.0	3.0	16.3	17.3	3.9	4.1	2.3	2.5
	(0.99)	(1.07)	(0.19)	(0.20)		(0.02)	(0.07)	(0.11)	(0.64)	(0.68)	(0.15)	(0.16)	(0.09)	(0.09)

*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 HOLD	AMPS AT 0°C HOLD TRIP		AMPS AT 25°C HOLD TRIP		AMPS AT 60°C HOLD TRIP		AMPS AT --°C HOLD TRIP		SECONDS AT 25°C, 10.5A MIN MAX		OHMS AT 25°C MIN MAX		OHMS AT 25°C MIN MAX		WATTS AT 25°C, 16V MAX
2.1	2.9	6.7	2.1	5.0	1.0	3.0	---	---	---	5	0.018	0.030	0.018	0.060	1.8

Agency Recognitions:
Reference Documents:
Precedence:
Effectivity:
CAUTION:
Materials Information:

UL, TUV, CSA
PS300

This specification takes precedence over documents referenced herein.

Reference documents shall be the issue in effect on the date of invitation for bid.

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

