TE CIRCUIT PROTECTION
connectivity

308 Constitution Drive
Menlo Park, CA   94025-1164
Phone: 800-227-4856
www.circuitprotection.com

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: SRP200F

DOCUMENT: SCD25487
PCN: D83524
REV LETTER: D
REV DATE: MAY 11, 2011
PAGE NO.: 1 OF 1

Specification Status: Released

Maximum Electrical Rating
Voltage: 30Vdc MAX
Current: 100A MAX

Chip Size: 10.5x8.2mm

Leads: Nickel 1/4H
         0.125mm nominal thickness

Tape: Polyester (White)
         10.2mm nominal width

Solder: Lead-free

Marking (Color: Green):

———— Manufacturer's Mark

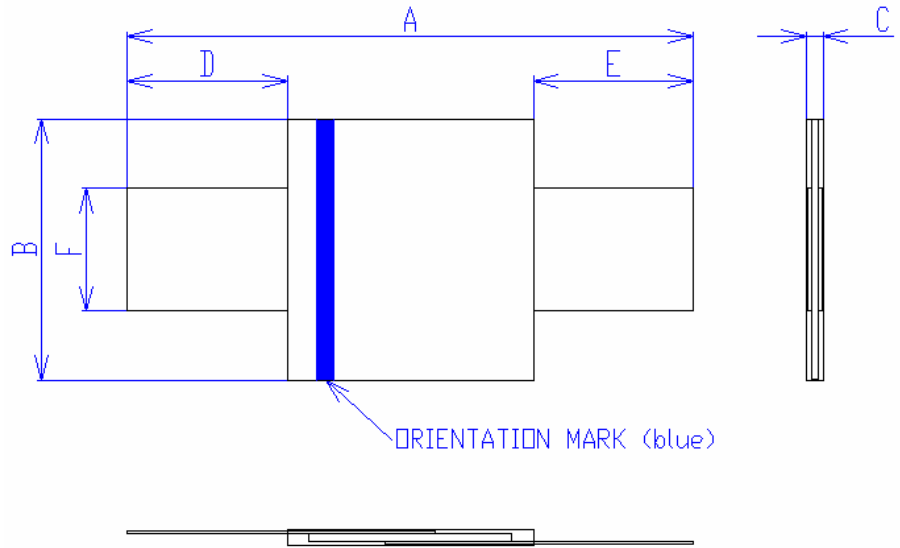XX 200 ———— Part Identification

□□□□ ———— Lot Identification

ORIENTATION MARK (blue)

TABLE I. DIMENSIONS:

	A MIN	A MAX	B MIN	B MAX	C MIN	C MAX	D MIN	D MAX	E MIN	E MAX	F MIN	F MAX
mm:	21.3	23.4	10.2	11.0	0.5	1.1	5.0	7.6	5.0	7.6	4.8	5.4
in*:	(0.84)	(0.92)	(0.40)	(0.43)	(0.02)	(0.04)	(0.20)	(0.30)	(0.20)	(0.30)	(0.19)	(0.21)

*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 20°C HOLD	AMPS AT 0°C HOLD	TRIP	AMPS AT 20°C HOLD	TRIP	AMPS AT 60°C HOLD	TRIP	AMPS AT 80°C HOLD	TRIP	SECONDS AT 20°C, 10 A TYP	MAX	OHMS AT 20°C MIN	MAX	OHMS AT 20°C MIN	MAX	WATTS AT 20°C, 15V TYP	MAX
2.0	2.5	5.1	2.0	4.4	1.4	3.0		---	1.8	4.0	0.030	0.060	0.030	0.100	1.6	1.9

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 2002/95/EC Compliant   **Directive 2000/53/EC Compliant**   (Pb)