

# PolySwitch®

## PTC Devices

### Overcurrent Protection Device

**PRODUCT: SRP120LF**

DOCUMENT: SCD26180  
PCN: F79809  
REV LETTER: C  
REV DATE: MAY 11, 2011  
PAGE NO.: 1 OF 1

**Specification Status: Released**

### Electrical Rating

**Voltage: 15V MAX**  
**Current: 100A MAX**

Chip Size: 5 x 7mm

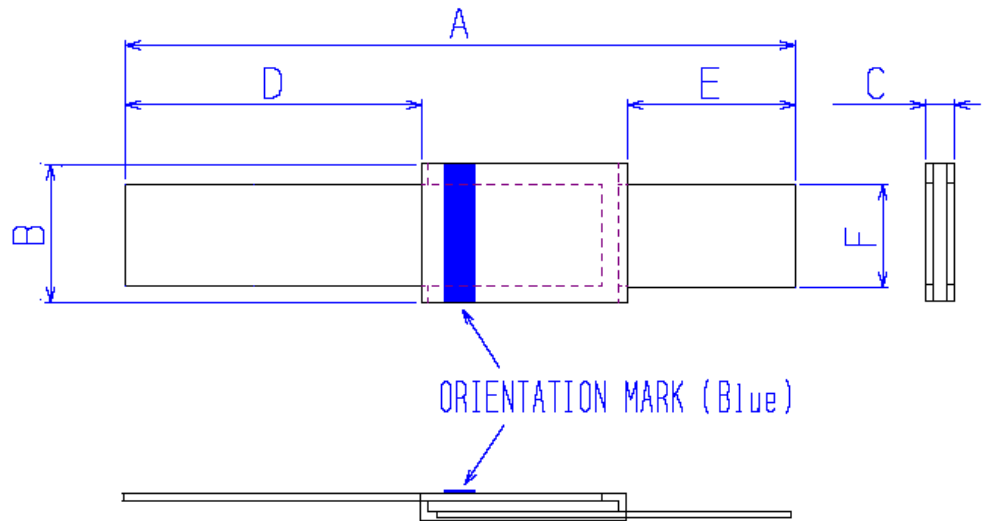
Leads: Nickel 1/4H  
0.125mm nominal thickness

Tape: Polyester (White)  
8mm nominal Width

Solder: Lead-free

Marking: (Color: Green)

- Manufacturer's Mark
- ✕ 120 — Part Identification
- □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
Mm:	24.9	27.1	4.9	5.2	0.6	1.0	5.5	7.5	10.5	12.5	3.9	4.1		
In*:	(0.98)	(1.06)	(0.19)	(0.20)	(0.02)	(0.03)	(0.21)	(0.29)	(0.41)	(0.49)	(0.15)	(0.16)		

\*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		AMPS AT 20°C		AMPS AT 60°C		AMPS AT --°C		SECONDS AT 20°C, 6.0A TYP   MAX		OHMS AT 20°C MIN   MAX		OHMS AT 20°C MIN   MAX		WATTS AT 20°C, 15V TYP   MAX
1.2	1.5	3.1	1.2	2.7	0.8	1.8	--	--	--	5	0.085	0.160	0.085	0.220	--	1.2	

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

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.

Materials Information:

**ROHS Compliant**

Directive 2002/95/EC  
Compliant

**ELV Compliant**

Directive 2000/53/EC  
Compliant

**Pb-Free**

