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PolySwitch®

PTC Devices

Overcurrent Protection Device

Littelfuse Circuit Protection Products

PRODUCT: SRP120LF

DOCUMENT: SCD 26180

PCN: F79809

REV LETTER: B

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

## Specification Status: Released

### Electrical Rating

Voltage: 15V MAX

Current: 100A MAX

Chip Size: 5 x 7mm

Leads: Nickel 1/4H  
0.125mm nominal thicknessTape: Polyester (White)  
8mm nominal Width

Solder: Lead-free

Marking: (Color: Green)

Manufacturer's Mark

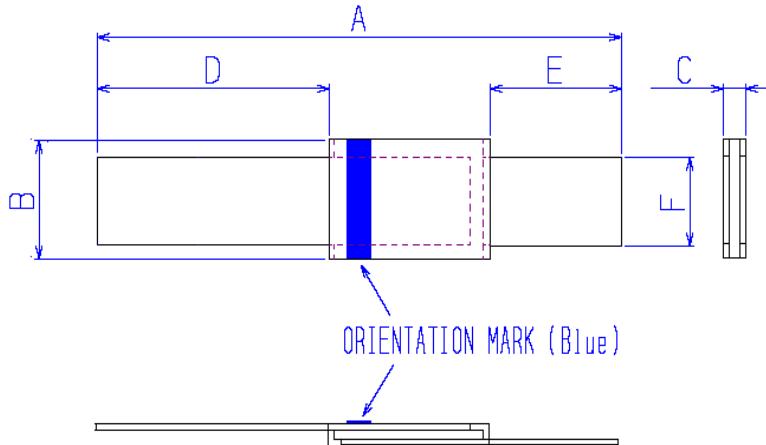
XX 120 — Part Identification

□□□□ — Lot Identification

### TABLE I. DIMENSIONS:

Mm:	A		B		C		D		E		F		G	
	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	AMPS AT 0°C	AMPS AT 20°C	AMPS AT 60°C	AMPS AT --°C										
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	SECONDS AT 20°C, 6.0A TYP	OHMS AT 20°C MAX	OHMS AT 20°C	WATTS AT 20°C, 15V					
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:

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 2002/95/EC Compliant

ELV Compliant

Directive 2000/53/EC Compliant

Pb-Free





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