

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 Width

Solder: Lead-free

Lot Marking Ink Color (Green)

Marking:

— Manufacturer's Mark
XX 120 — Part Identification
□ □ □ □ — Lot Identification

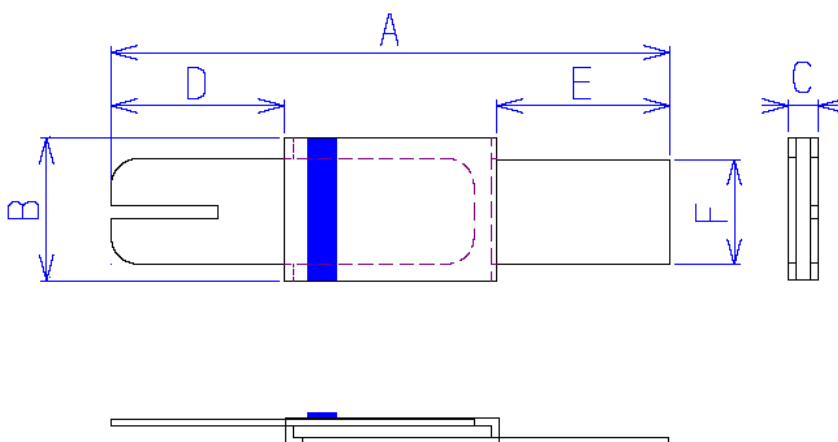


TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
Mm:	19.9	22.1	4.9	5.2	0.6	1.0	5.5	7.5	5.5	7.5	3.9	4.1		
In*:	(0.78)	(0.88)	(0.19)	(0.20)	(0.02)	(0.04)	(0.22)	(0.30)	(0.22)	(0.30)	(0.15)	(0.16)		

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Muller 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		SECONDS AT 20°C, 6.0A		OHMS AT 20°C		OHMS AT 20°C		WATTS AT 20°C, 15V	
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	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

Precedence:

Effectivity:Reference

CAUTION:Operation

UL, TUV, CSA

Documents:PS300

This specification takes precedence over documents referenced herein.

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

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

Material Information:

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: SRP120SF

DOCUMENT: SCD25980

PCN: C94902

REV LETTER: C

REV DATE: JULY 26, 2016

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