



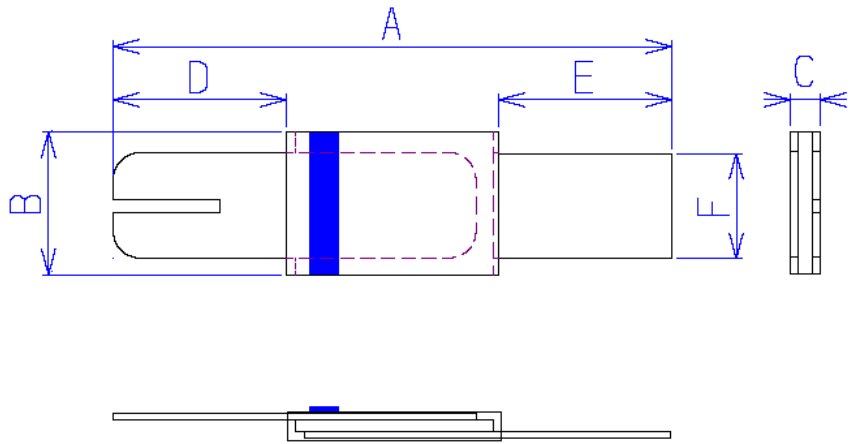
THE DATASHEET OF SRP120SF



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
 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	REFERENC E RESISTANC E	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		WATTS AT 20°C, 15V	
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP				HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	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

Directive 2002/95/EC
Compliant

ELV Compliant

Directive 2000/53/EC
Compliant

Pb-Free





Expertise Applied | Answers Delivered

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: SRP120SF

DOCUMENT: SCD25980

PCN: C94902

REV LETTER: C

REV DATE: JULY 26, 2016

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