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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: SRP120SF

DOCUMENT: SCD25980

PCN: C94902 REV LETTER: C

REV DATE: MAY 10, 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 Width

Solder: Lead-free

Lot Marking Ink Color (Green)

Marking:

— Manufacturer's Mark

× 120 — Part Identification



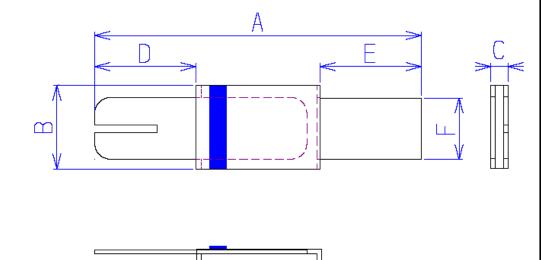


TABLE I. DIMENSIONS:

	Α		В		С		D		E		F		G	
	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)	(88.0)	(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			CUR	RENT	TRIP LIN	/IITS		TIME	E TO	IREFE	RENCE	ONE-	HOUR	TRIP	PED-	
										IP.	RESIS	TANCE	POST-TRIP		STA	ATE
											RESISTAN			TANCE	POWER	
															DISSIPATION	
AMPS	AMPS		AMI	AMPS AMPS		AMPS		SECONDS AT OHMS		OHMS		WATTS AT				
20℃	O°C TA		AT 20℃ A		AT 6	\mathfrak{P}^{0}	OrTA		20℃,6.0A		AT 20℃		AT 20℃		20℃, 15V	
HOLD	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	8.0	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

Material Information:

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant



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