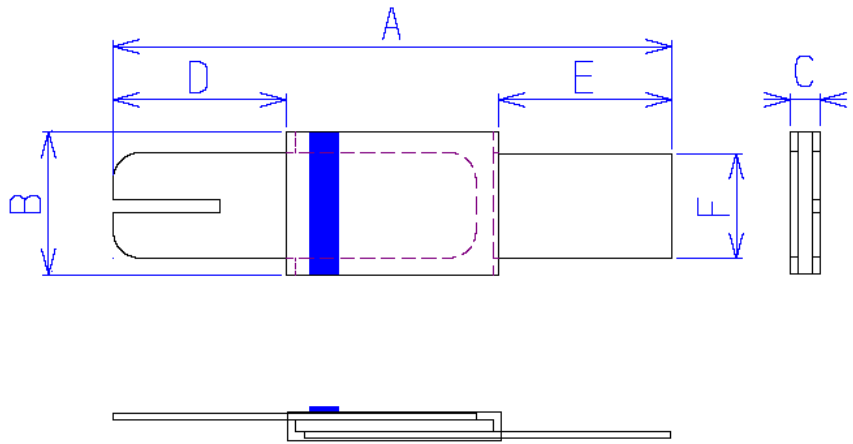


Specification Status: Released

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 | OHMS AT 20°C | | | | | WATTS AT 20°C, 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 | 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

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

PAGE NO.: 2 OF 2

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