



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Specification Status: RELEASED

Maximum Electrical Rating

Voltage: 15Vdc MAX
Current: 100A MAX

Chip Size: 5.0x12.0mm

Leads: Nickel 1/4H
0.125mm nominal thickness

Tape: Polyester (White)
13mm nominal width

Solder: Lead-free
Marking(Color: Green):

- Manufacturer's Mark
- XX 175 — Part Identification
- — Lot Identification

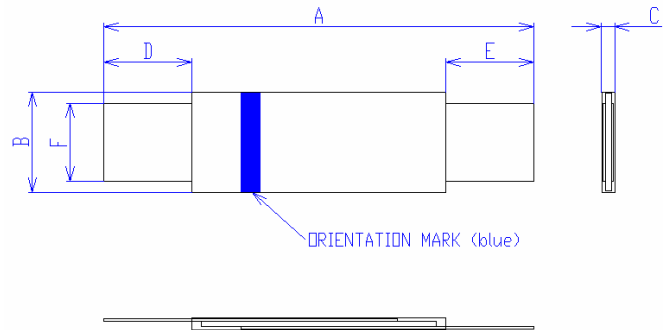


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	20.9	23.1	4.9	5.2	0.6	1.0	4.1	5.5	4.1	5.5	3.9	4.1
in*:	(0.82)	(0.91)	(0.19)	(0.20)	(0.02)	(0.04)	(0.16)	(0.22)	(0.16)	(0.22)	(0.15)	(0.16)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips model BU-75K.

AMPS 20°C	CURRENT TRIP LIMITS								TIME TO TRIP SECONDS AT 20°C, 8.75 A	REFERENCE RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE		TRIPPED-STATE POWER DISSIPATION WATTS AT 20°C, 15V	
	AMPS AT 0°C		AMPS AT 20°C		AMPS AT 60°C		AMPS AT 85°C			OHMS AT 20°C		OHMS AT 20°C			
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		MIN	MAX	MIN	MAX		
1.75	2.0	4.4	1.75	3.8	1.2	2.7	0.9	---	---	5	0.050	0.090	0.050	0.120	1.5

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

ELV Compliant

Pb-Free





Expertise Applied | Answers Delivered

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: SRP175F

DOCUMENT: SCD25486
REV LETTER: E
REV DATE: JULY 26, 2016
PAGE NO.: 1 OF 2

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