

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: SRP175
Manufacturer: Littelfuse Inc.
Package: Strap
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/littelfuse-inc/srp175.html>

Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

Contact Information

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WhatsApp: +86-186-8066-5326

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Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

Tyco Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025
 Phone: 800-227-4856
 Fax: 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: SRP175

DOCUMENT: SCD 22676
 PCN: 741515
 REV LETTER: G
 REV DATE: JUNE 12, 2001
 PAGE NO.: 1 OF 1

Specification Status - Released

Electrical Rating

Voltage: 15V MAX
Current: 100A MAX

Leads:

Nickel: 0.125 mm nom

Tape:

Polyester

Marking:

— Manufacturer's Mark
 ✕ 175 — Part Identification
 □ □ □ □ — Lot Identification

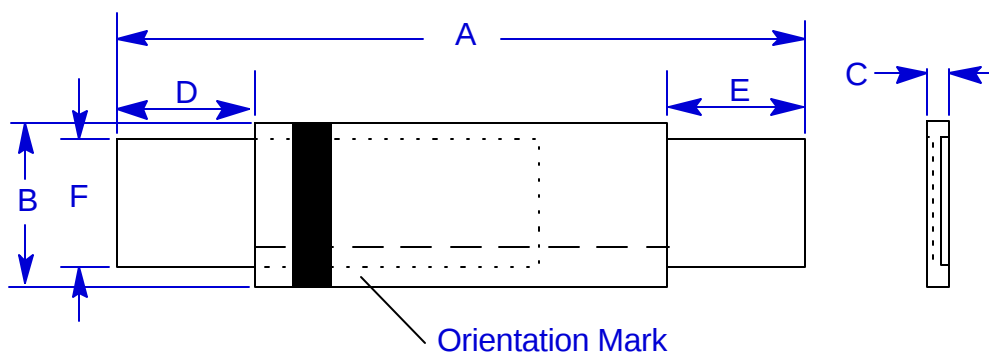


TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	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:

I HOLD	CURRENT TRIP LIMITS								TIME TO TRIP	REFERENCE RESISTANCE	ONE-HOUR POST-TRIP RESISTANCE		TRIPPED-STATE POWER DISSIPATION	
AMPS 20°C HOLD	AMPS AT 0°C		AMPS AT 20°C		AMPS AT 60°C		AMPS AT 85°C		SECONDS AT 20°C, 8.75 A MAX	OHMS AT 20°C		WATTS AT 20°C, 15V MAX		
	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

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.