

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

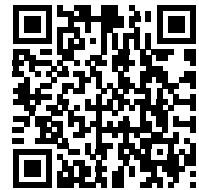
Part Number: TR250-120U
Manufacturer: Littelfuse Inc.
Package: Radial, Disc
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/littelfuse-inc/tr250-120u.html>

Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

Contact Information

Email: info@antrexco.com

WhatsApp: +86-186-8066-5326

Website: <https://antrexco.com>

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 94025-1164
 Phone: 800-227-4856
 Fax: 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: TR250-120U

DOCUMENT: SCD 22285
 PCN: 337589, 400071
 REV LETTER: L
 REV DATE: FEBRUARY 5, 2002
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Max Electrical Rating at 20°C

Operating Voltage: 60V_{DC}

Fault Voltage: 250V_{RMS}

Interrupt Current: 3A_{RMS}

Lead Material : 22 AWG Sn/Pb plated
 copper

Marking:

Raychem Logo
 X 20 Part Identification
 □ □ □ Lot Identification

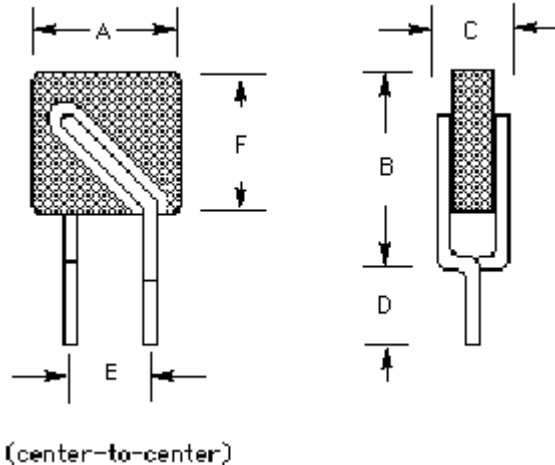


TABLE I. DIMENSIONS:

	A		B		C		D		E	F	
	Min	Max	Min	Max	Min	Max	Min	Max	Nom	Min	Max
mm:	--	6.0	--	10.0	--	3.8	4.7	--	5.0	--	6.0
in:	--	(0.236)	--	(0.394)	--	(0.150)	(0.185)	--	(0.197)	--	(0.236)

TABLE II. PERFORMANCE RATINGS @ 20°C (unless otherwise noted):

IHOLD (A)		RESISTANCE (Ω) @ 20° C			TIME TO TRIP @ 1A	OPERATING TEMPERATURE (°C)	
20°C	70°C	R MIN	R MAX	R _{1 MAX} *	Seconds, Typical	MIN	MAX
0.120	0.060	6.0	10.0	16.0	1.0	-40	85

*Maximum device resistance at 20°C measured 1 hour post trip.

Additional Rating @ 20°C

Lightning Withstand: ITU AT 1.5kV

Storage Temperature: -40° to 85°C

Agency Recognition:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

UL, CSA, TUV
 PS300
 This specification takes precedence over documents referenced herein.
 Reference documents shall be the issue in effect on the date of invitation for bid.
 Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame