

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number:	27502500001
Manufacturer:	Littelfuse Inc.
Package:	Tape & Reel (TR), Cut Tape (CT)
Availability:	Please confirm with sales

Product Page:

<https://antrexco.com/product/details/littelfuse-inc/27502500001.html>

Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

Contact Information

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Quality & Trust

New & Original Components

Supplier verification and packaging condition review

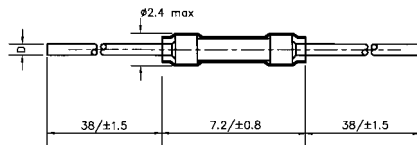
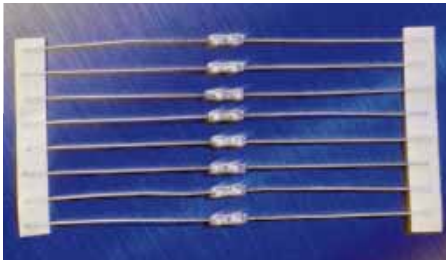
CoC / RoHS / REACH documents available on request

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.

Picofuse
Fast-Acting

Rated Current	D (mm)
63mA-10.00A	0.6 ^{+0.03} _{-0.01}
15.00A	0.813 ^{+0.05} _{-0.05}

UL 248-14, 125V• **FaxBack Document # 305**• **Approvals:**

UL Listed: File No. E 67006 (63mA-7A)
 UL Recognized: File No. E 67006 (10A)
 cUL Listed: File No. E 67006 (63mA-7A)

• **Packaging:**

00: Tape & Reel (2500 pcs. per Reel)
 05: Tape/Box (100 pcs. per Box)

• **Soldering Heat Resistance:**

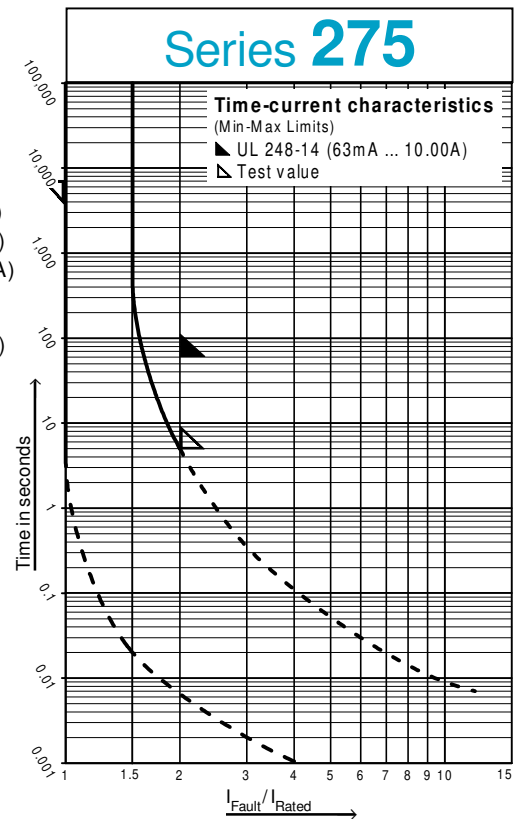
260°C, 5 sec. (IEC 68-2-20)

• **Material:**

Housing: Ceramic
 Thinking tube
 Plug-on caps with wire: Copper alloy,
 tin-plated for soldering

• **Vibration Resistance:**

24 cycles each 15 min. (EN 60068-6)
 10 - 60Hz at 0.75mm amplitude
 60 - 2000Hz at 10g acceleration

Series 275

Note: Contact WICKMANN for individual I-t curves

• **Limits for Pre-arcing Time**

Rated Current	100% 	200%	200% 
63mA ... 10.00A	> 2h	< 60s	< 5s
15.00A	> 2h	< 60s	< 10s

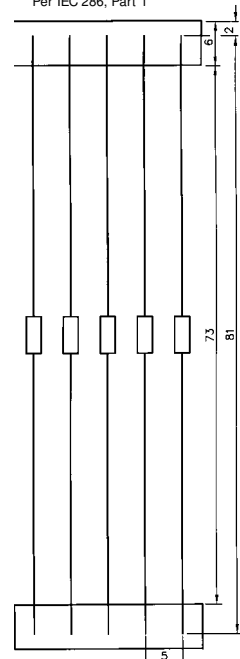


Permissible continuous operating current is ≤ 70% at ambient temperature of 23°C (73.4°F).

Rated Current / Rated Voltage	Amp Code	Breaking Capacity	Voltage Drop (max) 100% x I _{Rated} (mV) 	Melting Integral (max) 1000% x I _{Rated} (A²s) 	Approvals
63mA / 125V	0063	50A at 125VAC cos φ = 1.0	2000	0.00015	• •
125mA / •	0125		1350	0.00094	• •
250mA / •	0250		1000	0.007	• •
375mA / •	0375		1000	0.022	• •
500mA / •	0500		280	0.04	• •
750mA / •	0750		260	0.1	• •
1.00A / •	1100		250	0.094	• •
1.50A / •	1150		240	0.3	• •
2.00A / •	1200		230	0.41	• •
2.50A / •	1250		225	0.82	• •
3.00A / •	1300	300A at 125VDC	220	1.5	• •
3.50A / •	1350		215	1.9	• •
4.00A / •	1400		210	3.2	• •
5.00A / •	1500		180	4.1	• •
7.00A / •	1700		150	11	• •
10.00A / •	2100		125	31	• •
15.00A / 32V	2150	50A at 125VAC/DC	100	140	• •
		300A at 32VDC			• •

• **Tape (00/05):**

Per IEC 286, Part 1

• **Order
Information**

Qty.	Order- Number	Series	Amp Code	Packaging
		2 7 5		0