

# ANTREX Electronics

## Electronic Components Sourcing Information

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### Product Reference Information

|                      |                                 |
|----------------------|---------------------------------|
| <b>Part Number:</b>  | 27507500001                     |
| <b>Manufacturer:</b> | Littelfuse Inc.                 |
| <b>Package:</b>      | Tape & Reel (TR), Cut Tape (CT) |
| <b>Availability:</b> | Please confirm with sales       |

#### Product Page:

<https://antrexco.com/product/details/littelfuse-inc/27507500001.html>

#### Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

### Contact Information

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WhatsApp: +86-186-8066-5326

Website: <https://antrexco.com>

### Quality & Trust

New & Original Components

Supplier verification and packaging condition review

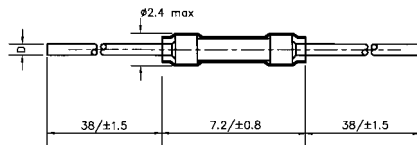
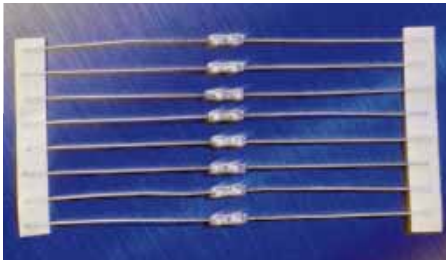
CoC / RoHS / REACH documents available on request

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.

**Picofuse**  
Fast-Acting

| Rated Current | D (mm)                                  |
|---------------|-----------------------------------------|
| 63mA-10.00A   | 0.6 <sup>+0.03</sup> <sub>-0.01</sub>   |
| 15.00A        | 0.813 <sup>+0.05</sup> <sub>-0.05</sub> |

**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:**

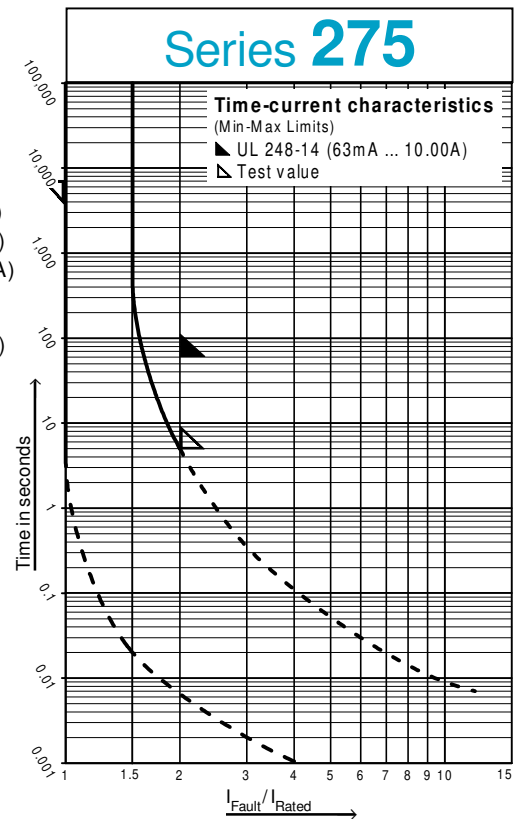
260°C, 5 sec. (IEC 68-2-20)

• **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                                                                                    |

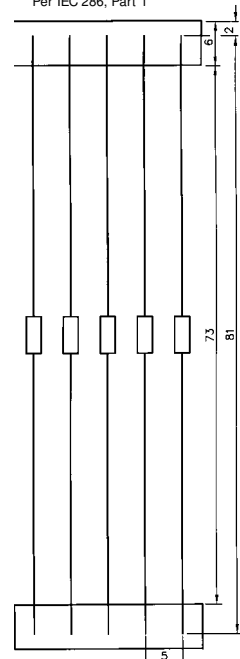


Permissible continuous operating current is ≤ 70% at ambient temperature of 23°C (73.4°F).

| Rated Current /<br>Rated Voltage | Amp<br>Code | Breaking<br>Capacity            | Voltage Drop (max)<br>100% x I <sub>Rated</sub><br>(mV)  | Melting Integral (max)<br>1000% x I <sub>Rated</sub><br>(A²s)  | Approvals |   |
|----------------------------------|-------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---|
| 63mA / 125V                      | 0063        | 50A at<br>125VAC<br>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<br>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-<br>Number | Series | Amp Code | Packaging |
|------|------------------|--------|----------|-----------|
|      |                  | 2 7 5  |          | 0         |