Fuse Blocks Datasheet

Cartridge Fuse Blocks 0PTF0075P, 0PTF0077P, and 0PTF0078P > Circuit Board Mountable



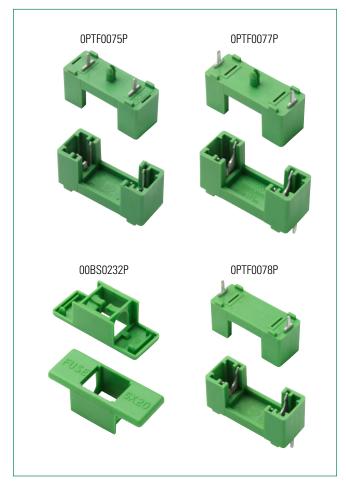
UL recognized to UL 4248-1

board mountable terminals

for Pb-free wave soldering

Low profile design for PC

process



Agency Approvals

| Agency | Agency File Number |
|-----------------|--------------------|
| c 911 us | E14721 |
| () () | 7316 |
| DE | 97121 |

Additional Information



Product Characteristics

| 0PTF0075P/0PTF0077P/0PTF0078P | | | | |
|--------------------------------|--|--|--|--|
| Compatible Fuses | <u>5x20 mm</u> | | | |
| | Rated Voltage: 250 V | | | |
| Electrical Specifications | Rated Current: 6.3 A | | | |
| opeenioutions | Rated Power: 1.6 W | | | |
| Materials | Molded Holder (Block) and Cover: Green VE PA6/66 (UL94 V-0) | | | |
| | PCBTerminals: Tin plated brass | | | |
| Protection Class & Category | PC1 (IEC 60127-6) | | | |
| Contact Resistance | $\leq 5 \text{ m}\Omega$ | | | |
| Degree of Protection | IP 00 | | | |
| Ambient Temperature | -30 °C to 120 °C | | | |
| Solder Pot Temperature | 260 °C | | | |
| Solder Dwell Time | 10 seconds | | | |

Features and Benefits

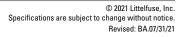
- RoHS compliant and Lead-free
- Include version of plug in to maintain the fuseblock into the correct position, while soldering process
- Tin-plated leads for easy soldering process

Ordering Information

| Ordering PN | Description | Packaging |
|-------------|------------------|------------------------|
| 0PTF0075P | Horizontal Mount | 1000 pieces, bulk pack |
| 0PTF0077P | Horizontal Mount | 1000 pieces, bulk pack |
| 0PTF0078P | Horizontal Mount | 1000 pieces, bulk pack |
| 00BS0232P | Cover | 1000 pieces, bulk pack |
| Note | | |

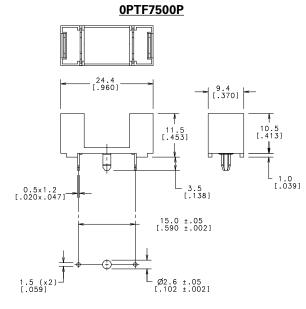
Panel minimum 0,8 mm and maximum 4,5 mm

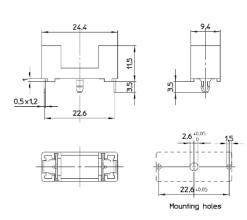




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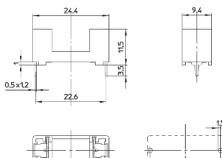
Product Dimensions (in mm)





0PTF7700P

0PTF7800P



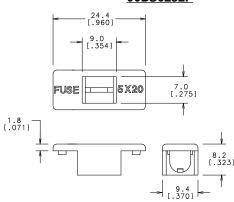


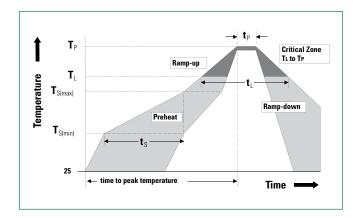
Soldering Parameters–Wave Soldering

| Wave Parameter | Lead-Free Recommendation |
|---|-----------------------------------|
| Preheat: (Depends on Flex Activation Temperature) | (Typical Industry Recommendation) |
| Temperature Minimum | 100° C |
| Temperature Maximum | 150° C |
| PreheatTime | 60–180 seconds |
| Solder Pot Temperature | 260° C Maximum |
| Solder Dwell Time | 2–5 seconds |
| Recommended Hand-Solder Parameters: | |

Solder Iron Temperature: 350° C +/- 5° C Heating Time: 5 seconds max.

00BS0232P





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