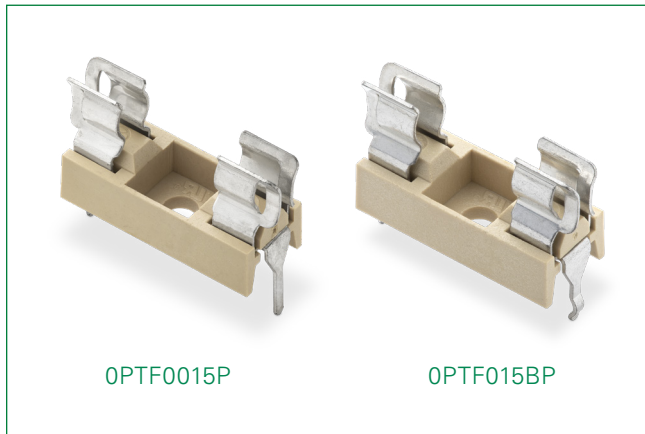


# PTF015 Series

## Circuit Board Mountable

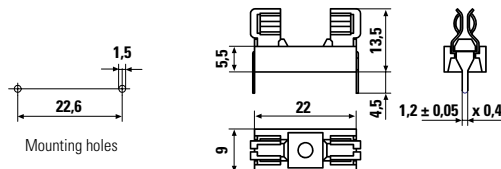


### Agency Approvals

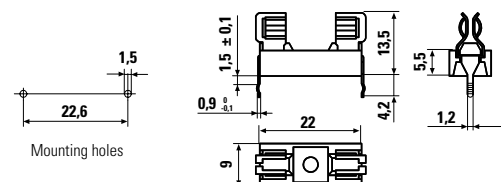
| Agency | Agency File Number |
|--------|--------------------|
|        | E14721             |

### Product Dimensions (mm)

#### PTF0015P



#### PTF015BP



## Product Characteristics

### OPTF0015P / OPTF015BP

|                                        |                                                     |
|----------------------------------------|-----------------------------------------------------|
| <b>Compatible Fuses</b>                | 5x20 mm                                             |
| <b>Electrical Specifications</b>       | Rated Voltage: 250 V                                |
|                                        | Rated Current: 6.3 A                                |
|                                        | Rated Power: 1.6 W                                  |
| <b>Materials</b>                       | Molded Holder (Yellow) and Cover: PPOM - (UL94 V-1) |
|                                        | PCB Terminals: Tin plated brass                     |
| <b>Protection Class &amp; Category</b> | PC1 (IEC 60127-6)                                   |
| <b>Contact Resistance</b>              | ≤ 5 mΩ                                              |
| <b>Degree of Protection</b>            | IP 00                                               |
| <b>Ambient Temperature</b>             | -30 °C to 120 °C                                    |
| <b>Solder Pot Temperature</b>          | 260 °C                                              |
| <b>Solder Dwell Time</b>               | 10 seconds                                          |

## Features & Benefits

- RoHS compliant and Lead-free
- Available in a version that maintains fuseholder position during soldering process\*
- Tin-plated leads for easy soldering process
- UL Recognized to UL 4248-1
- Low profile design for printed circuit board mountable terminals for Pb-free wave soldering process

## Ordering Information

| Ordering PN | Description      | Packaging              |
|-------------|------------------|------------------------|
| OPTF0015P   | Horizontal Mount | 1000 pieces, bulk pack |
| OPTF015BP   | Horizontal Mount | 1000 pieces, bulk pack |

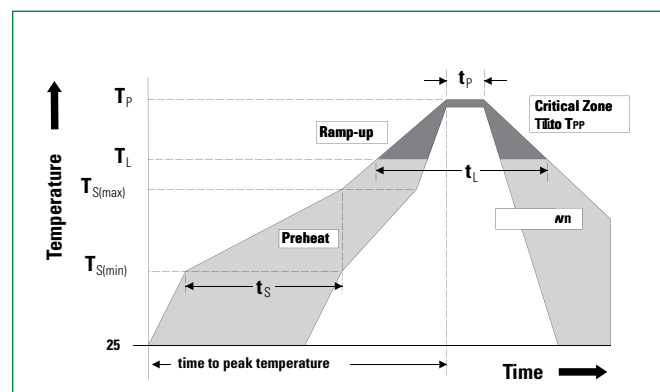
**Note:** Panel minimum 0,8 mm and maximum 4,5 mm

## Soldering Parameters–Wave Soldering

| Ordering PN                                          | Description                       |
|------------------------------------------------------|-----------------------------------|
| Preheat:<br>(Depends on Flex Activation Temperature) | (Typical Industry Recommendation) |
| Temperature Minimum                                  | 100° C                            |
| Temperature Maximum                                  | 150° C                            |
| Preheat Time                                         | 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.



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