

# Blade Fuse Holders and Clips

## 100 Series > Circuit Board Mountable

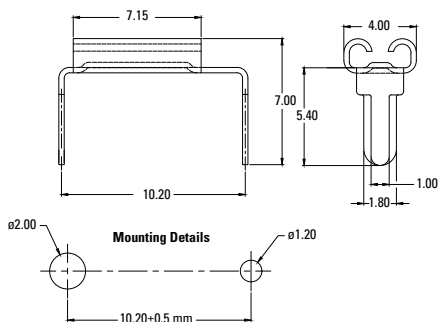


### Agency Approval

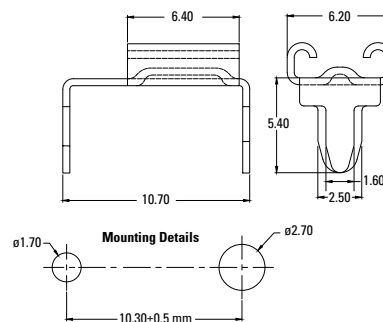
| Agency | Agency File Number |
|--------|--------------------|
|        | E14721             |

### Product Dimensions (in mm)

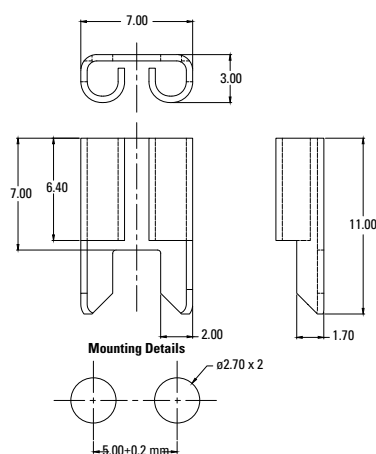
**01000059Z Horizontal Fuse Clip for Type F or MINI blade fuses**



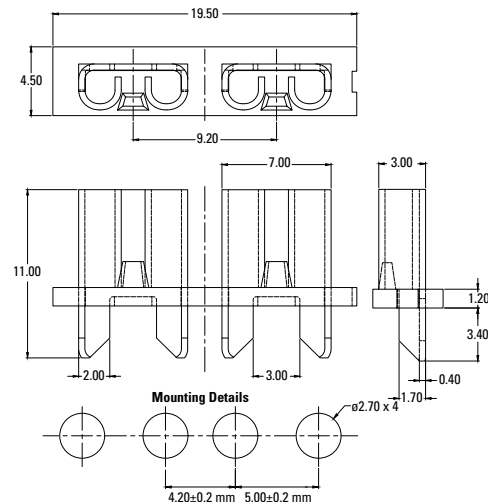
**01000060Z Horizontal Fuse Clip for Type C or ATFO blade fuses**



**01000061Z Vertical Fuse Clip for Type C or ATFO blade fuses**



**01000062Z Low Profile Fuse Block for Type C or ATFO blade fuses**



### Product Characteristics

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Compatible Fuses</b>          | Automotive Blade Fuses                                                                            |
| <b>Electrical Specifications</b> | Rated Voltage: 500 V<br>Rated Current: From 15 to 30 A                                            |
| <b>Molded Parts</b>              | Insulation Block:<br>Black Thermoplastic PET (UL94 V-0)                                           |
| <b>Metal Parts</b>               | PCB Terminals: Tin Plated Cu Alloy                                                                |
| <b>Electrical</b>                | Insulation Resistance:<br>10,000 Megaohm Minimum at 500 VDC<br>Contact Resistance: ≤ 5 mΩ Maximum |
| <b>Ambient Temperature</b>       | -40 °C to 125 °C                                                                                  |

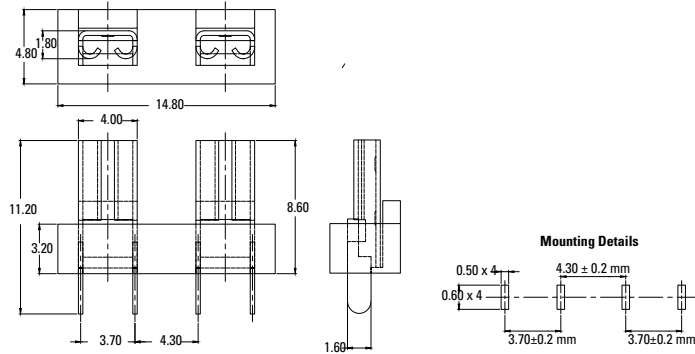
### Features & Benefits

- RoHS-compliant and lead-free
- Suitable for ISO 8820-3 Type F and C blade fuses
- Higher current ratings have been attained using special Cu alloy
- Tin plated leads for easy soldering process
- UL recognized to UL 4248-1 and CSA 4248.1
- Low profile design for PC board mountable terminals for Pb-free wave soldering process

# Blade Fuse Holders and Clips

## 100 Series > Circuit Board Mountable

### 01000063Z Low Profile Fuse Block for Type F or MINI blade fuses



## Ordering Information

| Ordering PN | Description                                  | Packaging              |
|-------------|----------------------------------------------|------------------------|
| 01000059Z   | Horizontal Fuse Clip For Mini Fuse 15 Amp.   | 1000 pieces, bulk pack |
| 01000060Z   | Horizontal Fuse Clip For ATO Fuse 30 Amp.    | 1000 pieces, bulk pack |
| 01000061Z   | Vertical Fuse Clip For ATO Fuse 30 Amp.      | 1000 pieces, bulk pack |
| 01000062Z   | Low Profile Fuse Block For ATO Fuse 30 Amp.  | 1000 pieces, bulk pack |
| 01000063Z   | Low Profile Fuse Block For Mini Fuse 20 Amp. | 1000 pieces, bulk pack |

#### Note

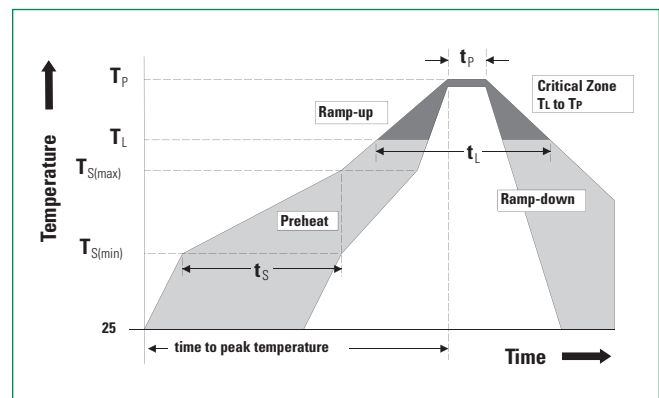
Panel thickness minimum 0,8 mm and maximum 2,5 mm

## Soldering Parameters–Wave Soldering

| Wave Parameter                                              | Lead-Free Recommendation          |
|-------------------------------------------------------------|-----------------------------------|
| <b>Preheat:</b><br>(Depends on Flex Activation Temperature) | (Typical Industry Recommendation) |
| Temperature Minimum                                         | 100° C                            |
| Temperature Maximum                                         | 150° C                            |
| Preheat Time                                                | 60–180 seconds                    |
| <b>Solder Pot Temperature</b>                               | 260° C Maximum                    |
| <b>Solder Dwell Time</b>                                    | 2–5 seconds                       |

#### Recommended Hand-Solder Parameters:

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



## Additional Information



Resources



Accessories



Samples

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