Technical Data 2131

Effective April 2021
Supersedes May 2020

1AXXXX
PCB Fuse-clips for ATC/ATM Blade, 5 mm, 1/4” & 13/32” diameter fuses

For 1/4” diameter fuses

End stops
1A1119 Family
Angled-In leads
Dimensions - in (mm)

Catalog number1)
1A1119-04-R
1A1119-05
1A1119-10-R

Clip material2)
Cu clad steel
Silver
Cartilage brass

Finish
Bright tin

RoHS

1A1007 Family
Straight leads
Dimensions - in (mm)

Catalog number1)
1A1007-02-R
1A1007-03-R
1A1007-05
1A1007-06-R

Clip material2)
Cu clad steel
Bright tin

Finish

RoHS

1A4534 Family
Angled out leads
Dimensions - in (mm)

Catalog number1)
1A4534-01-R
1A4534-06-R

Clip material2)
Cu clad steel
Cartilage brass

Finish
Bright tin

RoHS

Without end stops
1A1120 Family
Angled-in leads
Dimensions - in (mm)

Catalog number1)
1A1120-05
1A1120-06-R
1A1120-09-R

Clip material2)
Cu clad steel
Cartilage brass

Finish
Silver
Bright tin

RoHS

1A3398 Family
Straight leads
Dimensions - in (mm)

Catalog number1)
1A3398-07-R

Clip material2)
Cartilage brass

Finish
Bright tin

RoHS

1A4533 Family
Angled out leads
Dimensions - in (mm)

Catalog number1)
1A4533-01-R
1A4533-06-R

Clip material2)
Cu clad steel
Cartilage brass

Finish
Bright tin

RoHS

Notes:
1. All part numbers shown are RoHS compliant.
2. High performance Cu recommended for current above 15 A.
3. Add -BK prefix to part number for bulk packaging.

UL recognized file number: E14853

Eaton
Powering Business Worldwide
For 5 mm diameter fuses

1A5601 Family
Dimensions - in (mm)

<table>
<thead>
<tr>
<th>Catalog number1,2</th>
<th>Clip material</th>
<th>Finish</th>
<th>Nominal current maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A5601</td>
<td>Cartridge brass</td>
<td>Bright tin</td>
<td>7 A</td>
</tr>
<tr>
<td>1A5601-01</td>
<td>Spring brass</td>
<td>Bright tin</td>
<td>10 A</td>
</tr>
</tbody>
</table>

1A5602 Family (<= 7 A nominal current)
Dimensions - in (mm)

<table>
<thead>
<tr>
<th>Catalog number1,2</th>
<th>Clip material</th>
<th>Finish</th>
<th>Dimensions - in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A5601</td>
<td>Cartridge brass</td>
<td>Bright tin</td>
<td>0.219&quot; 0.246&quot; (5.56mm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.023&quot; (0.58mm)</td>
</tr>
<tr>
<td>1A5601-01</td>
<td>Spring brass</td>
<td>Bright tin</td>
<td>0.246&quot; (6.25mm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.037&quot; (0.94mm)</td>
</tr>
</tbody>
</table>

1A3399 and 1A5018 Family
With straight leads
Dimensions - in (mm)

<table>
<thead>
<tr>
<th>Catalog number1,2</th>
<th>Clip material</th>
<th>Finish</th>
<th>Dimensions - in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A3399-10-R</td>
<td>Spring bronze</td>
<td>Bright tin</td>
<td>0.115&quot; (2.9mm)</td>
</tr>
<tr>
<td>1A3399-01-04-R</td>
<td>Beryllium Cu</td>
<td>Bright tin</td>
<td>0.257&quot; (6.57mm)</td>
</tr>
<tr>
<td>1A3399-04-R</td>
<td>Beryllium Cu</td>
<td>Bright tin</td>
<td>0.330&quot; (8.38mm)</td>
</tr>
</tbody>
</table>

For 1/8" diameter fuses

1A3400 Family
With end stops & straight leads
Dimensions - in (mm)

<table>
<thead>
<tr>
<th>Catalog number1,2</th>
<th>Clip material</th>
<th>Finish</th>
<th>Specifications:</th>
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</thead>
<tbody>
<tr>
<td>1A3400-09</td>
<td>Cu Clad steel</td>
<td>Bright tin</td>
<td>1A3400-09-RT</td>
</tr>
<tr>
<td>1A3400-12-R</td>
<td>Cartridge brass</td>
<td>Bright tin</td>
<td>1A3400-12-RT</td>
</tr>
</tbody>
</table>

UL recognized file number: E14853

Notes:
1. All part numbers shown are RoHS compliant
2. Add -BK prefix to part number for bulk packaging
### ATM Fuses 1A5778 Family

**Dimensions - mm (in)**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Brass, Nickel Plated, .35 Thick</td>
</tr>
</tbody>
</table>

### 1A5780 Family

**Dimensions - mm (in)**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Brass, Nickel Plated, .35 Thick</td>
</tr>
</tbody>
</table>

### ATC Fuses (0 to 20 Amps)

#### 1A5600 Family

**Dimensions - in (mm)**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Material</td>
<td>Cartridge brass</td>
</tr>
<tr>
<td>Finish</td>
<td>Matte tin</td>
</tr>
</tbody>
</table>

### 1A5778 Family

**Dimensions - mm (in)**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Brass, Nickel Plated, .35 Thick</td>
</tr>
</tbody>
</table>

### SPECIFICATIONS

- **FUSECLIPS**............ BRASS, NICKEL PLATED
- **BASE MATERIAL**........ GLASS FILLED NYLON, UL RATED 94V-0
- **CURRENT RATING**........ 15 AMPS
- **VOLTAGE RATING**........ 500V AC
- **TEMPERATURE RATING**.... -50°C TO +145°C

### RoHS

- **Catalog number**
- **Clip material**
- **Finish**
## PCB Fuse-clips for ATC/ATM Blade, 5 mm, 1/4" & 13/32" diameter fuses

### Fuse clip catalog numbers

Recommended pad layout dimensions - in (mm)

![ Fuse clip layout diagram](image)

#### Dimensions

<table>
<thead>
<tr>
<th>Catalog number</th>
<th>ATC</th>
<th>ATM</th>
<th>B</th>
<th>C</th>
<th>Board thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>½&quot; (22.2mm)</td>
<td>1&quot; (25.4mm)</td>
<td>1¼&quot; (31.8mm)</td>
<td>1½&quot; (34.93mm)</td>
<td>20mm</td>
</tr>
<tr>
<td>1A5778-</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1A5779-</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
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<tr>
<td>1A5780-</td>
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<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1A3398-</td>
<td>1.00&quot; (25.40)</td>
<td>1.125&quot; (28.58)</td>
<td>1.375&quot; (34.92)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1A1907-</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1A1119-</td>
<td>1.00&quot; (25.40)</td>
<td>1.125&quot; (28.58)</td>
<td>1.375&quot; (34.92)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1A1120-</td>
<td>1.00&quot; (25.40)</td>
<td>1.125&quot; (28.58)</td>
<td>1.375&quot; (34.92)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1A3399-</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>0.875* (22.23)</td>
</tr>
<tr>
<td>1A3400-</td>
<td>—</td>
<td>1.50&quot; (38.10)</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1A4533-</td>
<td>1.00&quot; (25.40)</td>
<td>1.125&quot; (28.58)</td>
<td>1.375&quot; (34.92)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1A4534-</td>
<td>1.00&quot; (25.40)</td>
<td>1.125&quot; (28.58)</td>
<td>1.375&quot; (34.92)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1A5018-</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>0.820±0.015&quot; (20.80±0.38)</td>
</tr>
<tr>
<td>1A5600-</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1A5601-</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>0.820±0.015&quot; (20.80±0.38)</td>
</tr>
<tr>
<td>1A5602-</td>
<td>—</td>
<td>—</td>
<td>—</td>
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