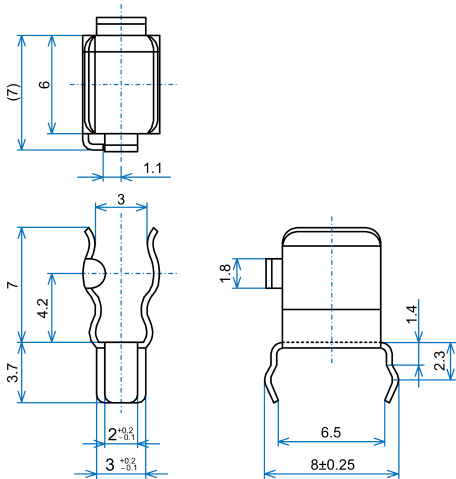




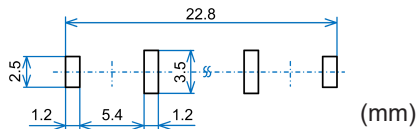
Dimensions and construction:



Materials: C5191R-1/2H, t=0.35 mm
 Surface treatments: Tin plating

| Dimensional tolerances where not noted | |
|----------------------------------------|-----------------------|
| Dimensional range (mm) | Tolerance (\pm mm) |
| $L \leq 3$ | 0.35 |
| $3 < L \leq 6$ | 0.45 |
| $6 < L \leq 18$ | 0.55 |
| $18 < L \leq 30$ | 0.7 |
| $30 < L \leq 50$ | 0.9 |
| $50 < L \leq 80$ | 1.0 |
| $80 < L \leq 120$ | 1.2 |

Mounting holes:



Characteristics:

Fuse size: $\phi 5.2 \times 20$ mm

Rated current: AC/DC 10 A

Insertion/Withdrawal force: 5 N–25 N measured using a steel dummy fuse of $\phi 5.2$ mm.

Contact resistance: 2 m Ω or less when measured by a fall-of-potential method at 100 mA/DC 60 V or by a low ohmmeter, using a copper dummy fuse of $\phi 5.2$ mm.

Solderability: This fuse clip shall satisfy all the requirements specified in JIS C 60068-2-20 when tested as per [the soldering test Ta] Method 1 of the same standard.

Mounting:

Wave soldering:

The soldering conditions stated below may be influenced by the material/shape and dimensions of the board, size of the copper foil, and/or heat capacity of the respective components on the board, besides such factors as temperature/duration of preheating, material of solder, temperature of the solder bath, and/or the duration of dipping.

- * Temperature of molten solder: 260 ± 5 °C
- * Duration: 10 ± 0.5 s

Hand soldering with soldering iron:

Depending on the components to which the fuse clip is attached (e.g., copper foil on the board) and/or heat capacity of the soldering iron tip, the soldering conditions may vary from those specified below.

- * Soldering iron tip temperature: 360 ± 10 °C
- * Duration: 3 ± 0.5 s



Specifications described above are examples when facilities in our company are used. Please make sufficient evaluations under the actual conditions in your company because the conditions may vary depending on facilities, solder type, solder quantity, board size, and board material.

Usage conditions:

- * Ambient temperature: -40 °C— $+85$ °C
- * Ambient humidity: 85% RH or less

Storage conditions and storage period:

Products packaged as delivered can be stored for one year from the date indicated on the packing label under the following conditions:

- * Ambient temperature: -30 °C— $+40$ °C (no condensation)
- * Ambient humidity: 85% RH or less
- * Ambient atmosphere: Not exposed to corrosive gas or sea breeze
No visible dust
Not exposed to direct sunlight
- * Load: No application of load that may cause deformation or degradation of the product.

Environmental information:

This product conforms to the EU RoHS Directive 2011/65/EU and 2015/863. The ten hazardous substances (lead, mercury, cadmium, hexavalent chromium, poly brominated biphenyls [PBB], poly brominated diphenyl ethers [PBDE], bis phthalate [DEHP], butyl benzyl phthalate [BBP], dibutyl phthalate [DBP] and diisobutyl phthalate [DIBP]) specified in the EU RoHS Directive are not used intentionally in this product. However, when lead is used in applications exempted from the requirements of the Directive, this will be indicated in the Dimensions and Construction section of the corresponding product specification.

Packaging:

- 1,000 fuse clips are packed into a colorless transparent polyethylene bag.
- An identification label is attached to each bag.
- The following are indicated on the identification label:
 - * Product name
 - * Quantity
 - * Date

Ordering specifications:

SOC product name: H-0032-2

Contact information:

SOC is a global ISO9001 and IATF16949 registered company headquartered in Japan with subsidiaries in Asia, Europe, and North America.

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