

UNH0012

Circuit Protector Elements

For overcurrent protection

■ Features

- Sharp cutoff characteristics and low voltage drop
- Flame retardant package and low heat generation, high density mounting is possible.
- The package is molded with high dimensional accuracy.

■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

| Parameter | Symbol | Rating | Unit |
|-------------------------------|-----------|-------------|------------------|
| Operating ambient temperature | T_{opr} | -55 to +125 | $^\circ\text{C}$ |
| Storage temperature | T_{stg} | -55 to +125 | $^\circ\text{C}$ |

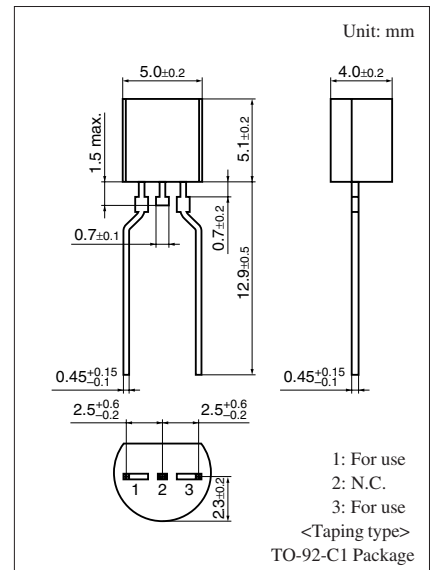
■ Electrical Characteristics $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$

| Parameter | Min | Typ | Max | Unit |
|---------------------------|-----|-------|-----|------------------|
| Rated voltage | | 50 | | V |
| Rated current | | 0.25 | | A |
| Internal Resistance | 260 | 350 | 437 | $\text{m}\Omega$ |
| Cutoff current * | | 0.625 | | A |
| Standard temperature rise | | 3 | | $^\circ\text{C}$ |

Note) *: Measurement condition of cutoff current shall be at $T_a = 25^\circ\text{C}$, $t = 1\text{s}$
Tolerance of cutoff current shall be $\pm 25\%$

■ Usage Notes

- Package shall be overheated and dangerous for overcurrent.
- This device should be used only to the secondary circuit.
Package will be damaged for added overpower.
- This device is not electrical fuse legally. Please draw a clear line between electrical fuse from this device.



Marking Symbol: H0012

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