

# 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	$^\circ\text{C}$

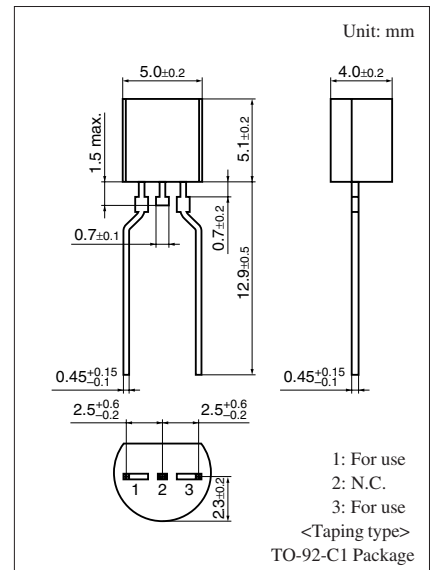
### ■ Electrical Characteristics $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$

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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