

UNH0005

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	°C
Storage temperature	T _{stg}	-55 to +125	°C

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

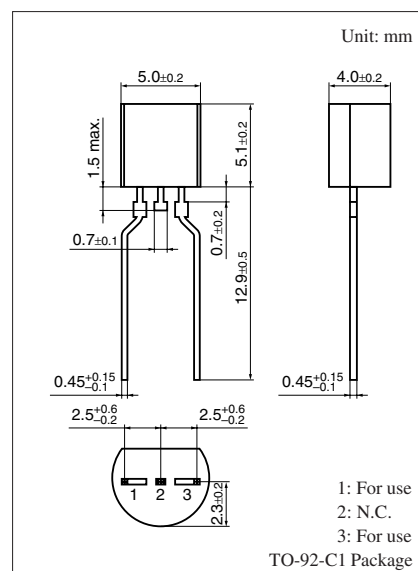
Parameter	Min	Typ	Max	Unit
Rated voltage		50		V
Rated current		2.5		A
Internal resistance	21	28	35	mΩ
Cutoff current *		5.0		A
Standard temperature rise		19		°C

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: H0005

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