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 $T_a = 25$ °C

Parameter	Symbol	Rating	Unit
Operating ambient temperature	T_{opr}	-55 to +125	°C
Storage temperature	T_{stg}	-55 to +125	°C

■ Electrical Characteristics $T_a = 25$ °C ± 3 °C

Parameter	Min	Тур	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°C, t = 1s Tolerance of cutoff current shall be \pm 25%

Unit: mm 4.0±0.2 0.7±0.1 0.45±0.15 2.5±0.6 2.5±0.6 2.5±0.6 2.5±0.6 2.5±0.6 3: For use TO-92-C1 Package

Marking Symbol: H0005

■ 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.

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