UNH0001

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	Topr	-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		1.5		A
Internal resistance	29	39	49	mΩ
Cutoff current *		3.75	\0	5 A
Standard temperature rise		12	110	°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 0.45±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-B1 Package

Marking Symbol: H0001

■ 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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