

UNHS205

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.

■ 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	$^\circ\text{C}$

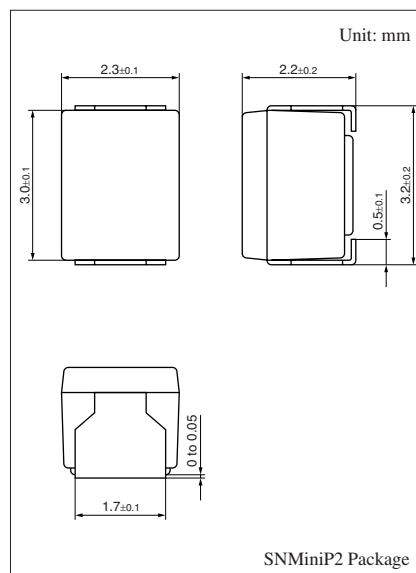
■ Electrical Characteristics $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$

Parameter	Min	Typ	Max	Unit
Rated voltage		50		V
Rated current		1.8		A
Internal Resistance	23	30	37	$\text{m}\Omega$
Cutoff current *		3.6		A

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 $\pm 20\%$

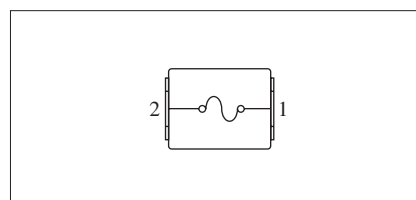
■ Usage Notes

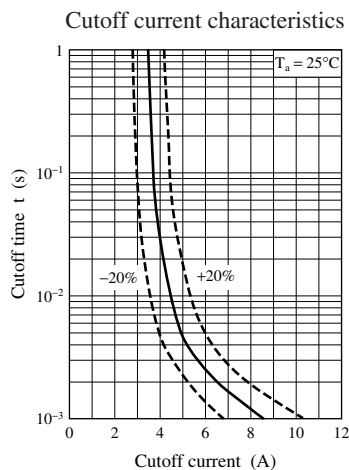
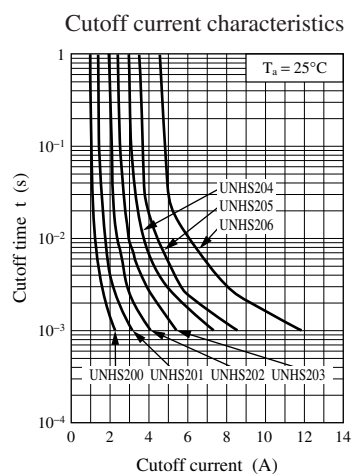
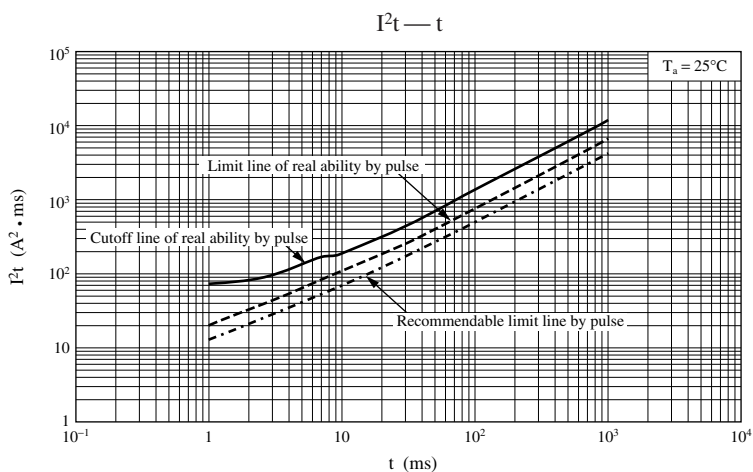
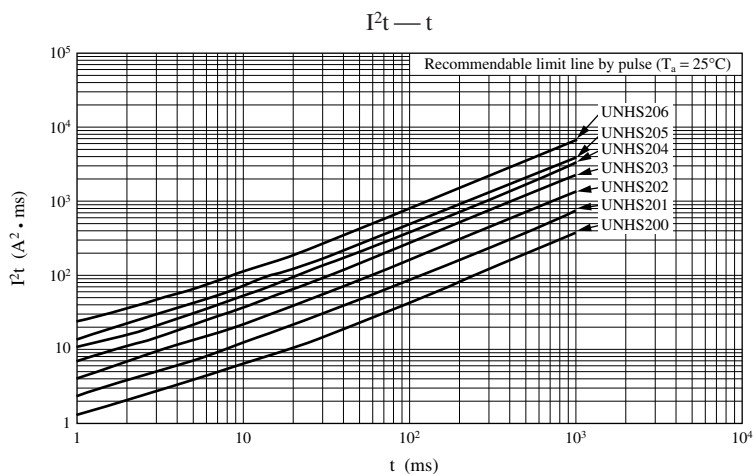
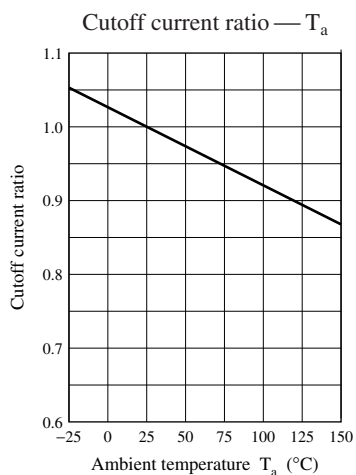
- Package shall be overheated and dangerous for overcurrent.
- This device should be used only to the secondary circuit.
Package will be damaged for added overpower.
- This device is not electrical fuse legally. Please draw a clear line between electrical fuse from this device.



Marking Symbol: 1.8

Lead Connection





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