

UNH1127 (UN10027)

Circuit Protector Elements

For overcurrent protection

■ Features

- Sharp cutoff characteristics and low voltage drop
- Flame retardant package and low heat generation.
- The package is molded with high dimensional accuracy.

■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

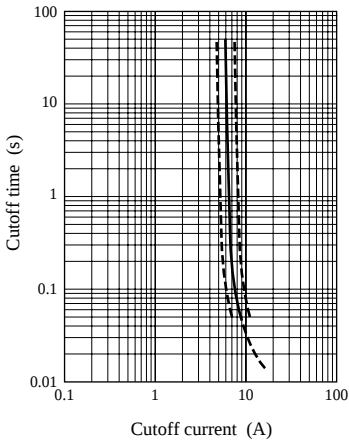
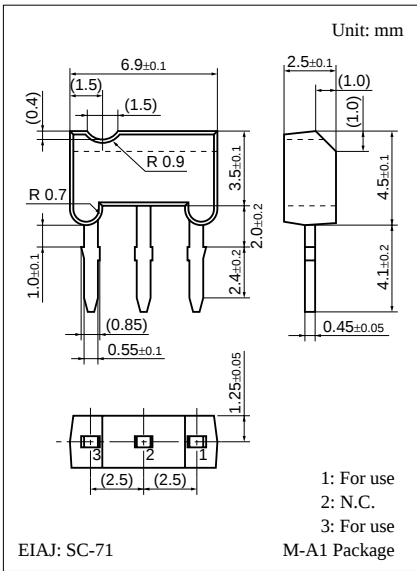
Parameter	Symbol	Rating	Unit
Operating ambient temperature	T_{opr}	-55 to +125	$^\circ\text{C}$
Storage temperature	T_{stg}	-55 to +125	$^\circ\text{C}$

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

Parameter	Min	Typ	Max	Unit
Rated voltage		50		V
Rated current		2.7		A
Internal resistance	17.5	22.0	27.5	$\text{m}\Omega$
Cutoff current	Refer to the diagram			
Standard temperature rise		27		$^\circ\text{C}$

■ 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.



Note) The part number in the parenthesis shows conventional part number.

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