

Description

The SIP25 is a IC protector which has the current interception ability that can be very trusted to protect IC and those circuits from a chance short-circuit load. And, this IC protector must open a circuit safely and rapidly when it exceed the current interception level though resists very low internal in usual operation regardless of AC or DC circuit.

Features

- Sharp and repeatable interruption characteristic
- Very low internal resistance.
- Good temperature characteristics

Operation notes

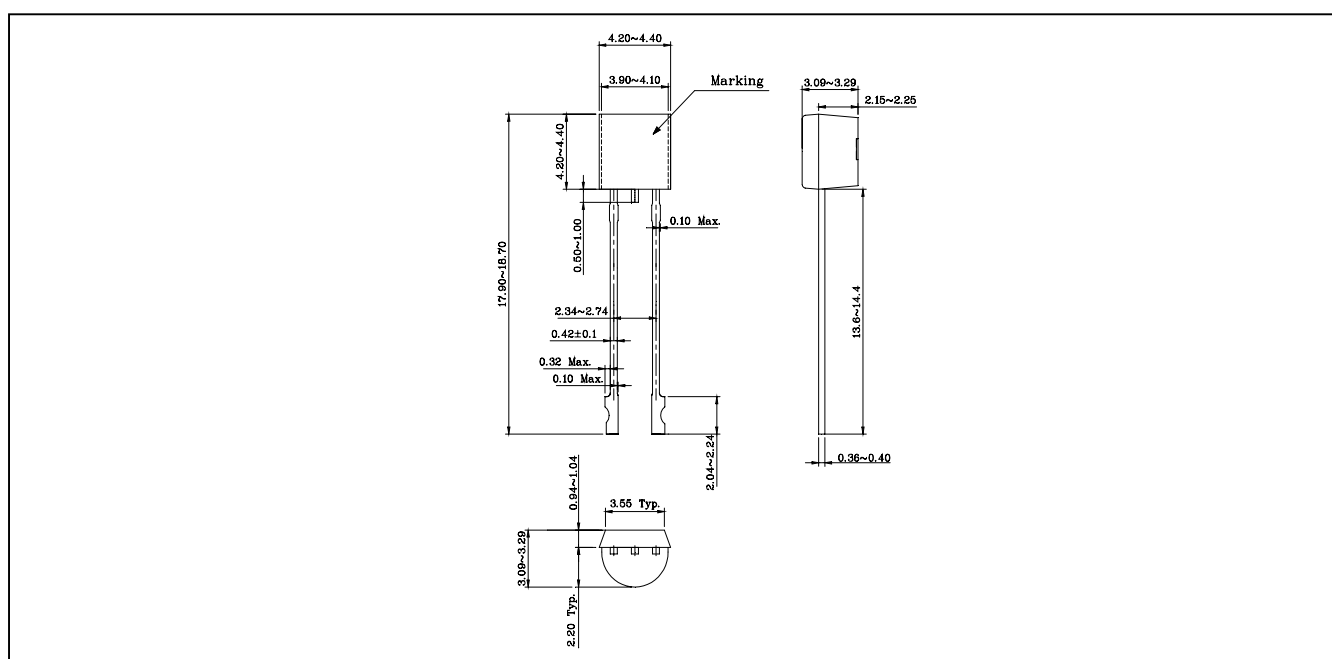
Do not use this product for the circuit with the primary of a commercial power supply and excessive power supply capacity. There is a possibility of damaging molding by the arc etc. after the current is intercepted.

Ordering Information

Type NO.	Marking	Package Code
SIP25	SIP25	TO-92N-2L

Outline Dimensions

unit : mm



■ Product Name Code : SIP25

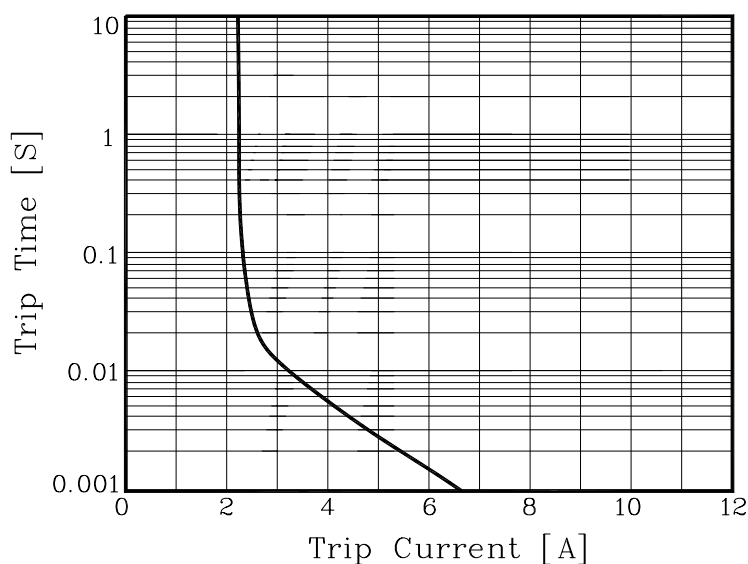
Product Name	Rated Current	Trip Current Characteristics	Internal Resistance	Max rated Voltage.	Operating Temperature	Storage Temperature
SIP25	1.0[A]	Fig.1	0.080[Ω] Typ.	50[V]	-30~ +125 [°C]	-30~ +125[°C]

※ Internal resistance is with in $\pm 20\%$ of it's typical value

※ Trip current should be designed to be 400% ~ 1000% (in PT=1msec ~ 100msec)

※ Temperature constant of internal resistance is 0.004/°C

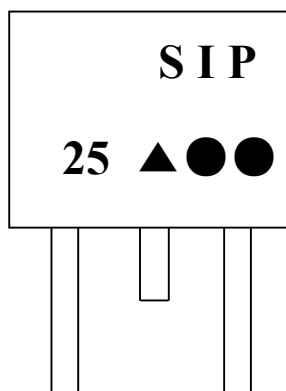
■ Trip Current Characteristics. (Fig.1)



The Trip current characteristics given represent typical values.

Technical documentation regarding ways of using current protectors is available from AUK representative.

■ Marking



SIP : means IC Protector of AUK

25 : means rating current =1.0A

▲ : year code.

●● : work weekly code.

The AUK Corp. products are intended for the use as components in general electronic equipment (Office and communication equipment, measuring equipment, home appliance, etc.).

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