

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

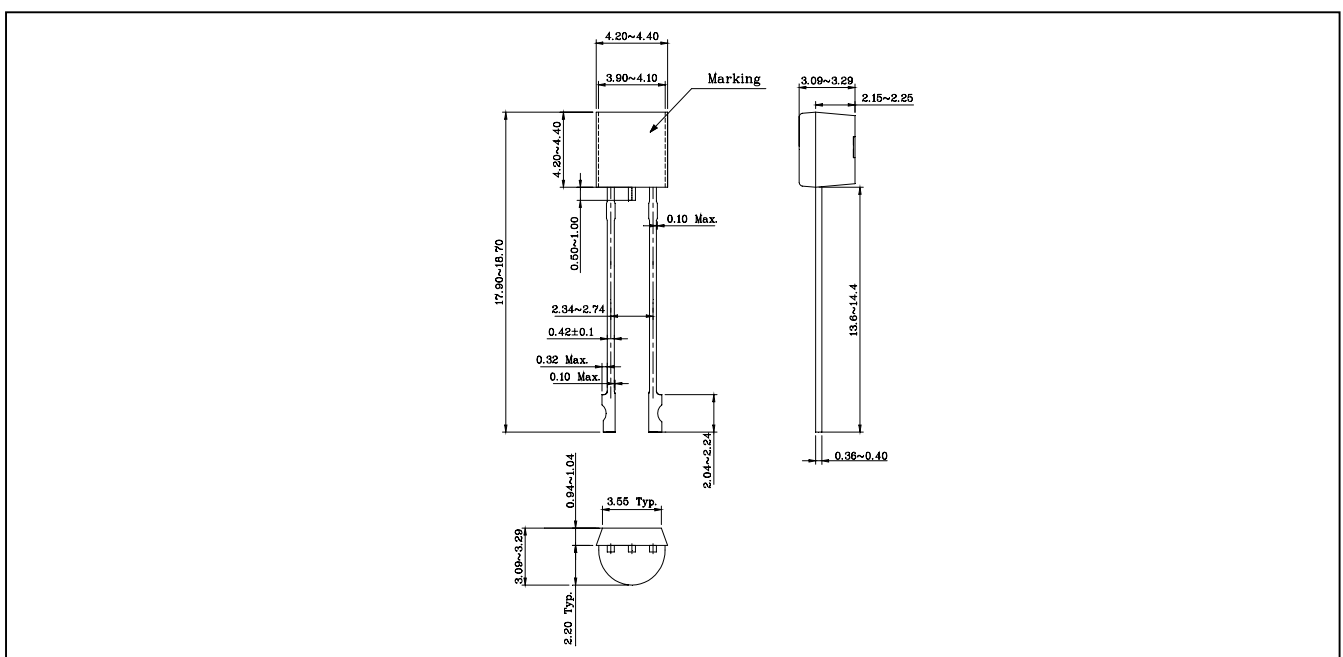
Do not use this product for the circuit with the primary of a commercial power supply and excessive power supply capacity. There is a possibility of damaging molding by the arc etc. after the current is intercepted.

Ordering Information

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

Outline Dimensions

unit : mm



■ Product Name Code : SIP25

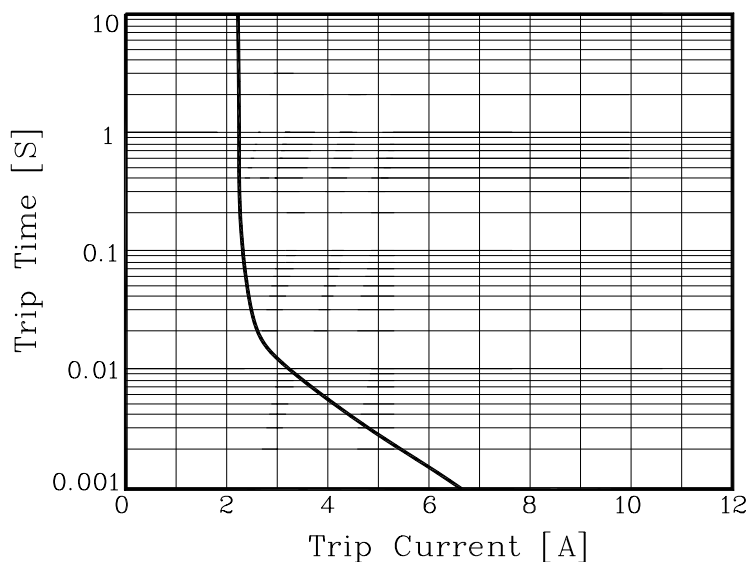
| Product Name | Rated Current | Trip Current Characteristics | Internal Resistance | Max rated Voltage. | Operating Temperature | Storage Temperature |
|--------------|---------------|------------------------------|---------------------|--------------------|-----------------------|---------------------|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

※ Internal resistance is with in ±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

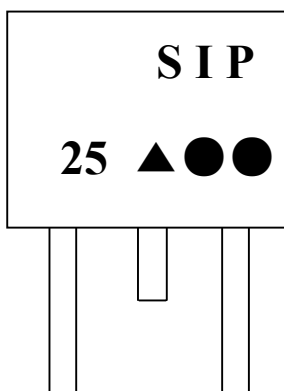
■ Trip Current Characteristics. (Fig.1)



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.

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