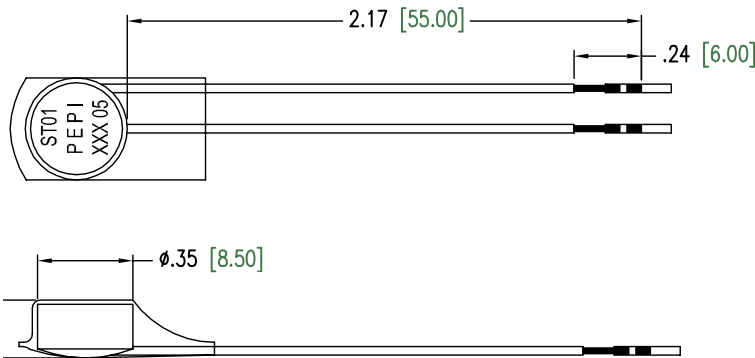


## Model ST01 Series

These snap action thermal protectors offer exceptional performance in an extremely small package. Designed as an economical solution, especially for motor transformer and lighting applications up to 5 AMPS, up to 250 VAC. The circular, low-profile shape fits neatly into small spaces. Available in a variety of configurations to meet different application requirements.

A Self-Hold model is available for applications requiring an additional level of protection. An internal heat source holds the circuit open until power is disconnected.

METRIC DIMENSIONS ARE IN MM (SHOWN IN GREEN)



## ORDERING INFORMATION

STO1	X	XXX	XX	XX	XXX	XXX	XXX	XXX	X
STO1: Model No.					L1	L2	L3	L4	
A: normally closed B: normally open					U1: Nomex shrink wrap cap U2: Without cap insulation U3: Without epoxy cover and lead wire U4: With epoxy cover U5: Clear shrink cap insulation U6: PBT insulating case U7: With M4 threaded case U8: Housing of PBT, leadframe leads				
Temperature									
Tolerance 05(+5°C), 08(±8°C), 10(+10°C)									
Lead wire: Y1(yellow AWG22), Y2(yellow AWG24), Y3(other)									

## FEATURES

- Snap action design, quick break/quick make switching action.
- Preset calibration temperature, not adjustable in the field.
- Brass case provides good thermal conductivity .
- Case is electrically alive. Multiple isolation options are available.
- Standard #22 ga. silicone rubber isolated lead wires. Other materials available upon request.

## CONTACT RATINGS

- 5 AMPS/250 VAC
- Maximum Operating Voltage: 60 VDC  
500 VAC

## CALIBRATION TEMPERATURE RANGE

- Available with nominal calibration temperatures from 60°C to 180°C
- Standard tolerance is ± 5°C


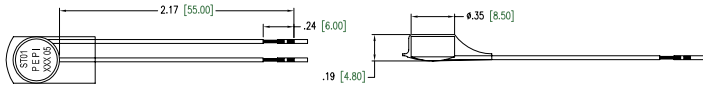

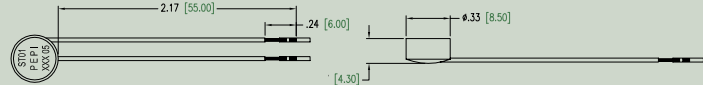

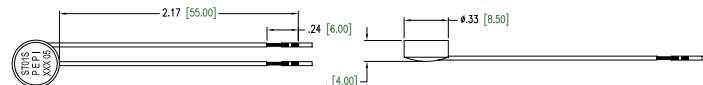

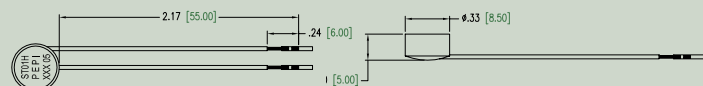

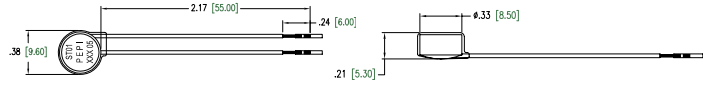

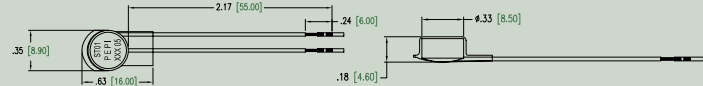

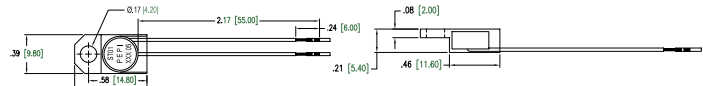

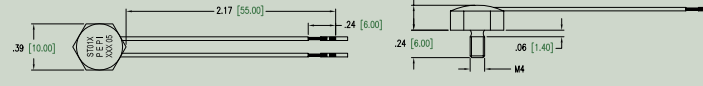

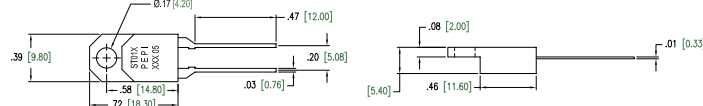
## APPLICATIONS

- Motors, transformers, lighting, coils, electronics

## APPROVALS

- These devices have been evaluated under the components programs by UL and TUV. Please contact us for details.

# Pepi® Model ST01 Series

With Nomex Shrink Wrap Cap	U1		
Without Cap Insulation	U2		
Super-Thin	U2		
Self-Hold	U2		
With Epoxy Cover	U4		
With Clear Shrink Cap Insulation	U5		
PBT Insulating Case	U6		
With M4 Threaded Case	U7		
Housing of PBT, Leadframe Leads	U8		

*We come through when the heat is on®*



**Pepi®**

**Portage Electric Products, Inc.**

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