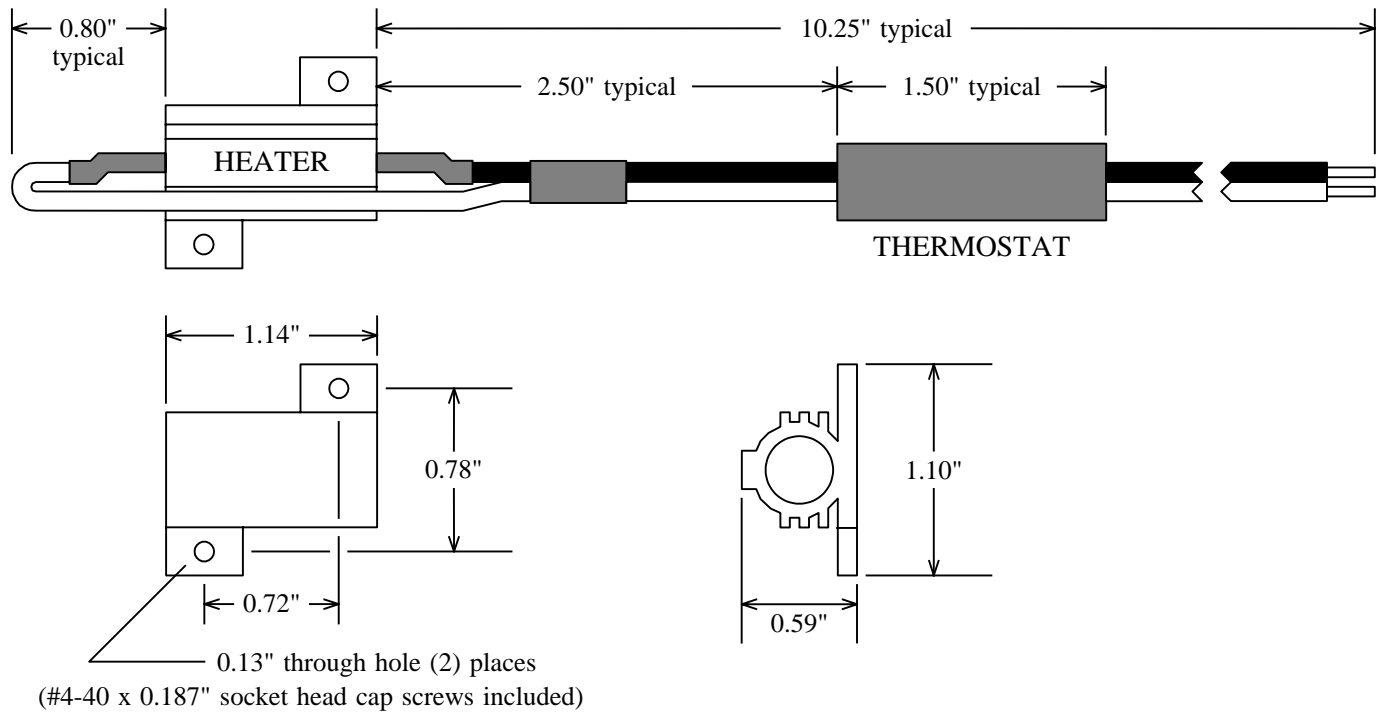


The Peaktronics HAT-100 Series Heater and Thermostat Assemblies are ideal for preventing condensation inside most actuators. The heating element has two mounting tabs allowing it to be easily mounted to a variety of surfaces inside the actuator. When mounted to a Peaktronics mounting bracket inside the actuator, the heating element surface stays at a moderate temperature preventing burns or melted wire insulation.

The inline thermostat allows it to be placed away from the heating element to avoid premature shut off. The thermostat typically switches at 30°C (86°F) to maintain a

moderate internal temperature inside the actuator. An embedded suppression capacitor reduces RF emissions that can occur when the thermostat switches on or off.

In applications where constant power is not wired to the actuator, the HAT-100x can be used with an RHM-100x Relay Heater Module. The RHM-100x module powers the HAT-100x from the control power signals going to the actuator.



## SPECIFICATIONS

### POWER REQUIREMENTS (14 watts nominal at rated voltage)

HAT-100	117 VAC $\pm 10\%$
HAT-100A	234 VAC $\pm 10\%$
HAT-100B	24 VAC $+20/-10\%$ or 24 VDC $+20/-10\%$
HAT-100C	12 VAC $+20/-10\%$ or 12 VDC $+20/-10\%$

### HEATER IMPEDANCE

HAT-100	1K ohms $\pm 5\%$
HAT-100A	3.9K ohms $\pm 5\%$
HAT-100B	39/40 ohms $\pm 5\%$
HAT-100C	10 ohms $\pm 5\%$

**THERMOSTAT SWITCH OFF TEMPERATURE: 30 °C  $\pm 5$  °C**