

Current Sense Transformers

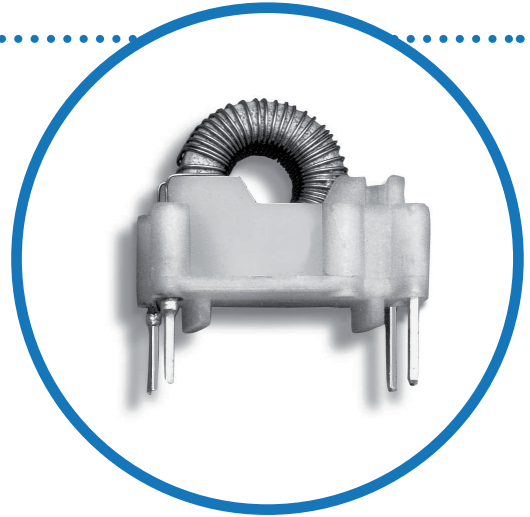
MODEL HM32 Series

Features and Benefits

- Cost effective design
- Complies with VDE safety requirements
- Excellent temperature characteristics
- Designed for switching supply applications
- Excellent linearity (current vs. output voltage)
- Custom designs available

Features and Benefits

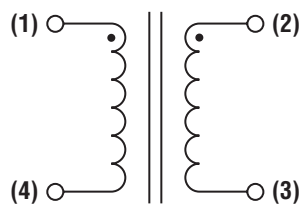
- Switching power supply
- Designed to detect AC currents and to supply the output for control circuitry
- Appliance
- Medical equipment
- Office equipment
- Frequency ranges 50kHz and above



Electrical / Environmental

Insulation Resistance, Minimum	100 Megohms
Operating Temperature Range	-25°C to +105°C
Insulation System	Class B, 130°C

Schematic

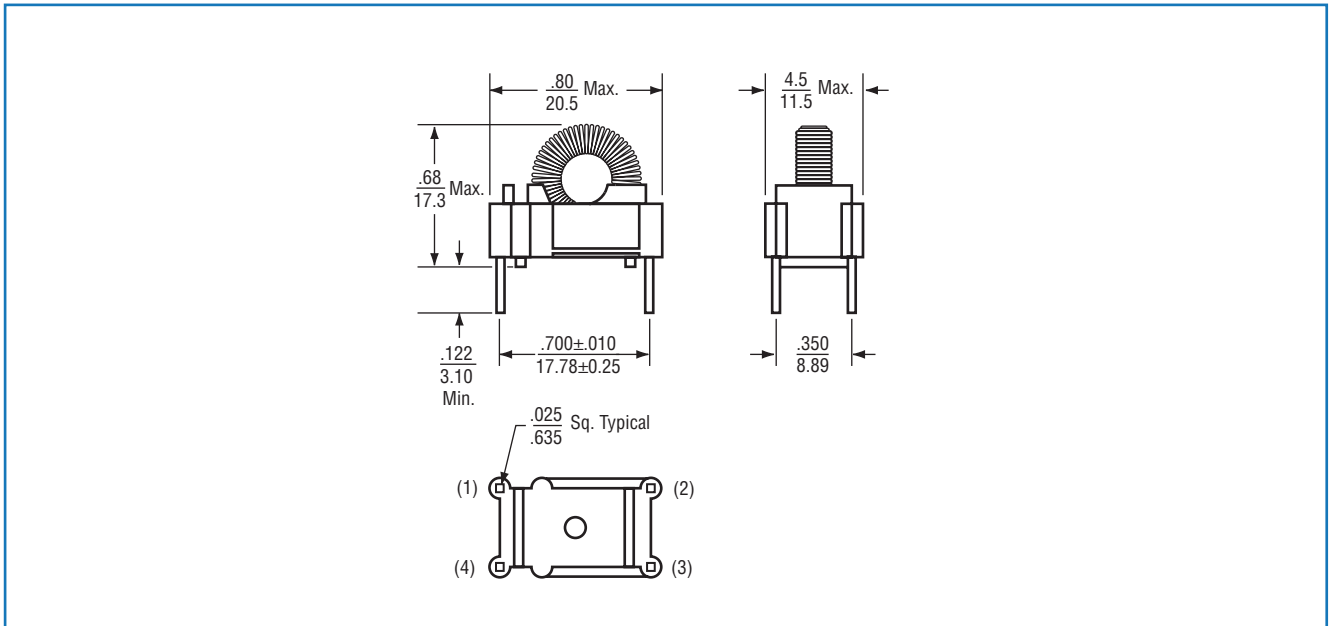


Specifications subject to change without notice.

General Note

TT electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT electronics' own data and is considered accurate at time of going to print.

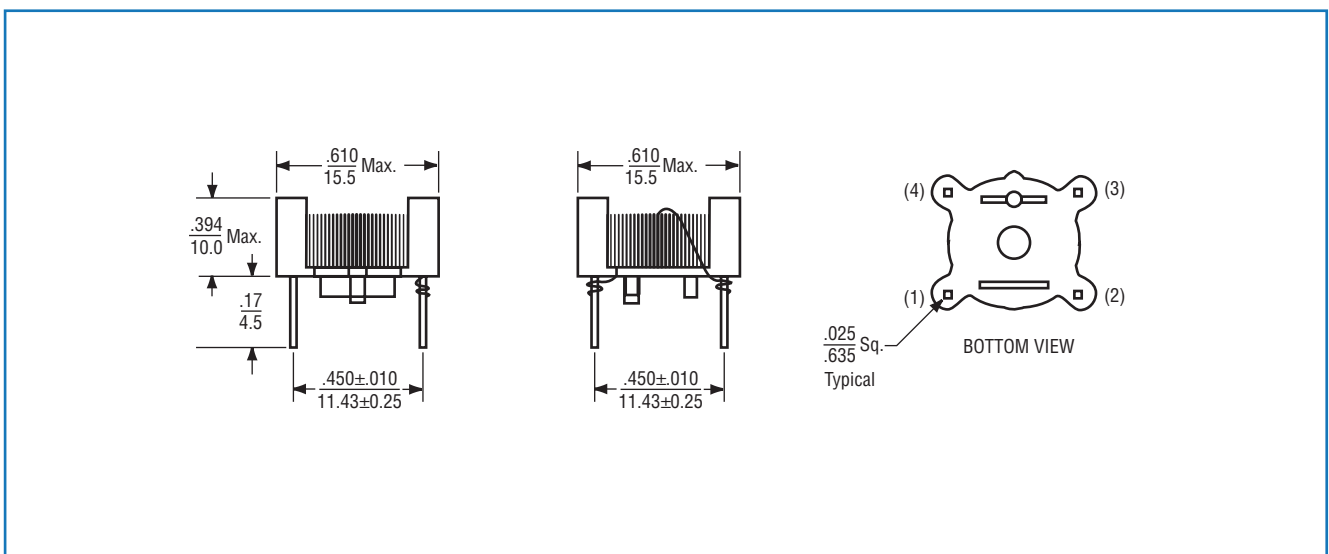
Figure 1 (Inch/Mm)



Specifications

Part Number	Turns N1:N2	Secondary Inductance @ 10 kHz mH Min.	Secondary DC Resistance Ω Max.	Figure	Primary Amps Max.	Core Style	Secondary V- μ S Max.
HM32-10010	1:10	0.2	0.2	1	3	Toroid	67
HM32-10050	1:50	5.0	0.7	1	3	Toroid	330
HM32-10100	1:100	20.0	1.4	1	3	Toroid	660
HM32-10200	1:200	85.0	4.5	1	3	Toroid	1,300
HM32-20050	1:50	5.0	0.7	2	3	Toroid	330
HM32-20100	1:100	20.0	1.4	2	3	Toroid	660
HM32-22100	2:100	20.0	1.4	2	3	Toroid	660
HM32-20200	1:200	85.0	4.5	2	3	Toroid	1,300

Figure 2 (Inch/Mm)



General Note

TT electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT electronics' own data and is considered accurate at time of going to print.