

ZMCT354B

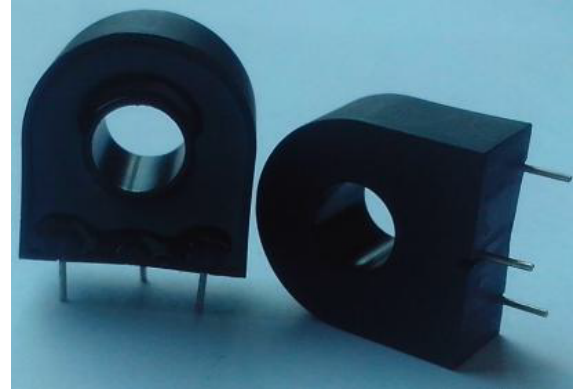
0~50A PCB mounting Current Transformer

Applications:

1. Sensing Overload Current
2. Ground Fault Detection
3. Metering
4. Analog to Digital Circuits

FEATURES:

1. Competitive pricing due to high volume production
2. Integral PCB for ease of installation
3. Manufactured in an ISO9001:2008, ISO14001:2004
4. Fully ROHS&REACH Compliant

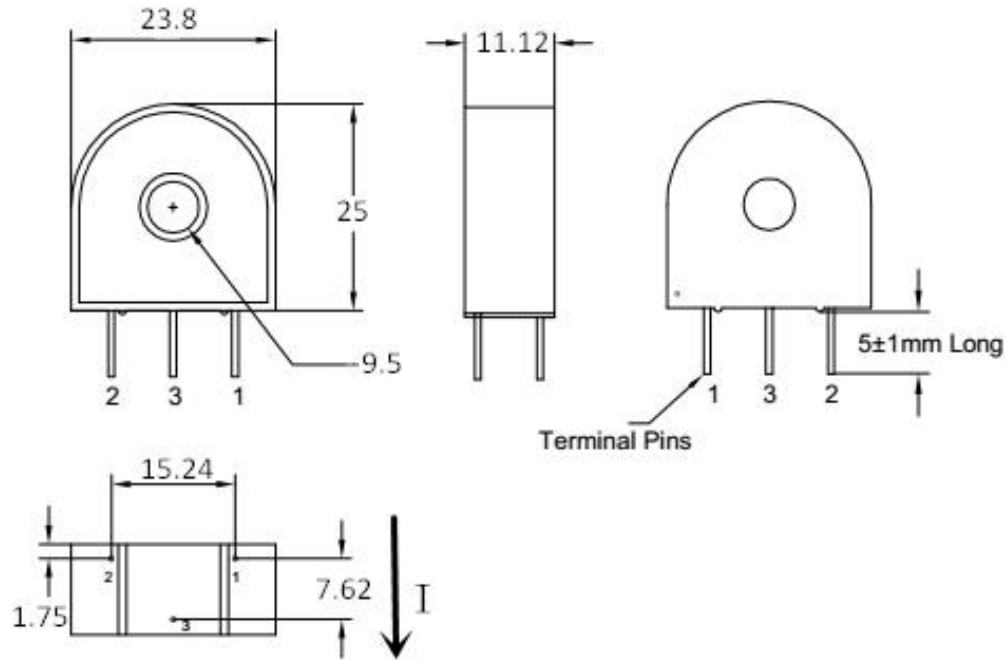


Electrical Specifications at 20°C ambient

Parameter	ZMCT354B
Operating frequency	50/60HZ
primary current	20A (50A max.)
Turns ratio	1000:1
Rated burden resistance	100Ω
Operating temperature	-40°C to +85°C
Storage temperature	-55°C to +130°C
Dielectric withstand voltage	4000V
Accuracy Class	2.0
Approx.Weight	16g

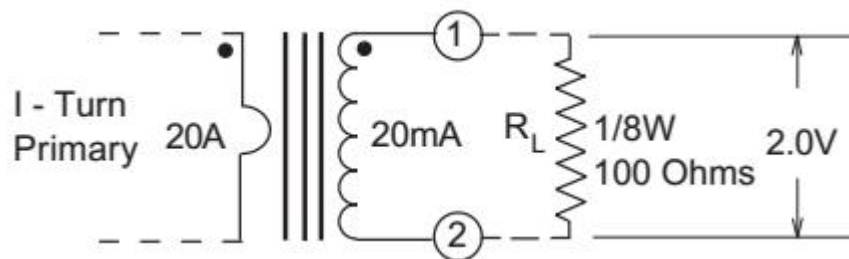
Primary current(A)	5A	20A	40A
Secondary output voltage for 100 ohm load (V)	0.5	2.0	4.0

MECHANICAL DIMENSIONS



1. Dimension unit: mm, Dimension tolerance: $\pm 0.25\text{mm}$ (unless specified, Pin pitch tolerance: $\pm 0.1\text{mm}$)
2. Pin 3 for mechanical support only.

CIRCUIT SCHEMATIC:



MATERIAL LIST:

NO.	Material	Spec, model	UL code	SGS
1	Epoxy coated Silicon steel core	Ø13.2×19.8×6.5	---	yes
2	Enameled wire (Winding wire)	2UEW Ø0.12, 1000T	E258243	yes
3	Tape	Flame retardant, Environmental protection, V0 105 degrees, (Plaster)Yellow Glue	E165111	yes
4	Fills and seals material	TXH-9201-10 epoxy resin insulating compound	E196959	yes
5	Outer covering	Black, PBT Environmental protection	E238981	yes
6	PINS	Ø0.8	---	yes
7	Solder	YTB101	---	yes