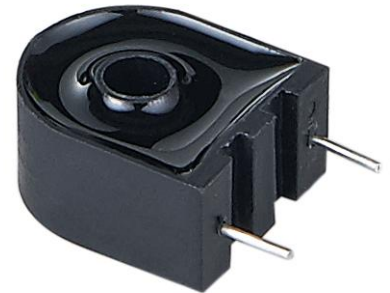


talema ASM-010 alternative



The BCE05-3 series are mini-Precision current transformers.
The CT is small size, PCB mounting and low cost.

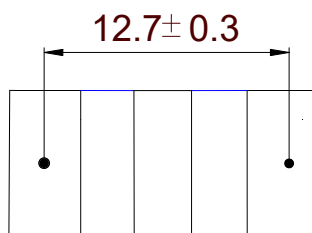
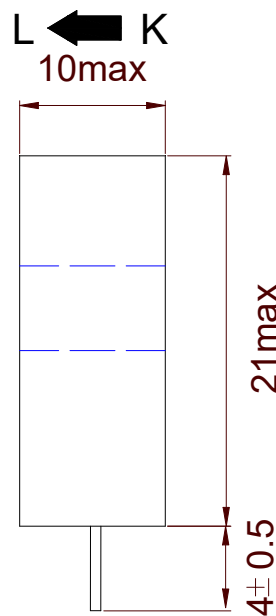
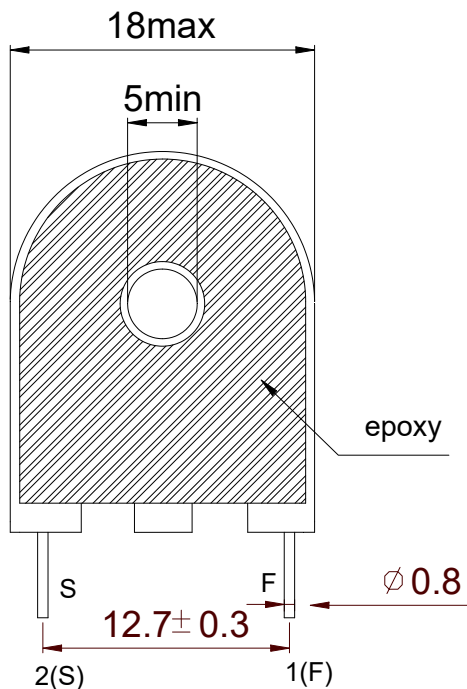


Mini-Precision Current Transformer Type BCE0510-T01-3

Electrical Specifications

Rated Primary Current(Amp.) 50/60Hz	10nom(0.01~30A max)
Turn Ratio	Np:Ns=1:1500
Current Ratio	10A/6.67mA
D.C. Resistance at 20 °C (Ω)	120 Ω MAX.
Accuracy @RL=100Ω	0.20%
Phase Error at Rated Current Range	0.5 °
Operating Temperature Range	-40~65°C
Storage Temperature Range	-45~85°C
Dielectric Withstanding Voltage(Hi-pot)	4KV/1mA/1min
Insulation Resistance	DC500V/100MΩ min

Mechanical Dimensions in mm



APPLICATIONS

- Current Measurement
- Monitoring & Protection
- Energy and sub-metering products
- Network equipment
- Instruments and sensors
- Control systems

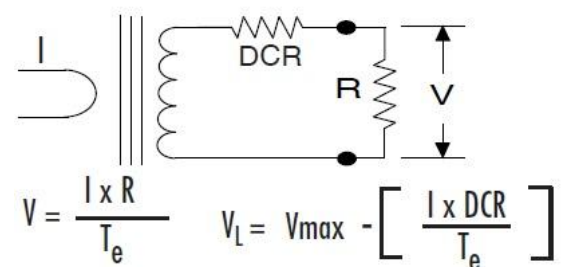
FEATURES

- PCB Mount
- 5mm window size (ID)
- Rigid case with UL 94V-0 durable plastic
- Output Terminal: PIN Φ1.0mm
- Approximate weight 15g
- ANSI C57.13 and IEC61869-2 Standards

Advantage

- Small size
- Low cost
- Excellent linearity over the whole range

Connections Diagram



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The BCE05-3 series are mini-Precision current transformers.
The CT is small size, PCB mounting and low cost.

Mini-Precision Current Transformer Type BCE0510-T01-3

Change History

Date	Rev	Author	Description
12/08/2021	V0	Henry	Original