

10 A 50 / 60Hz Current Transformer

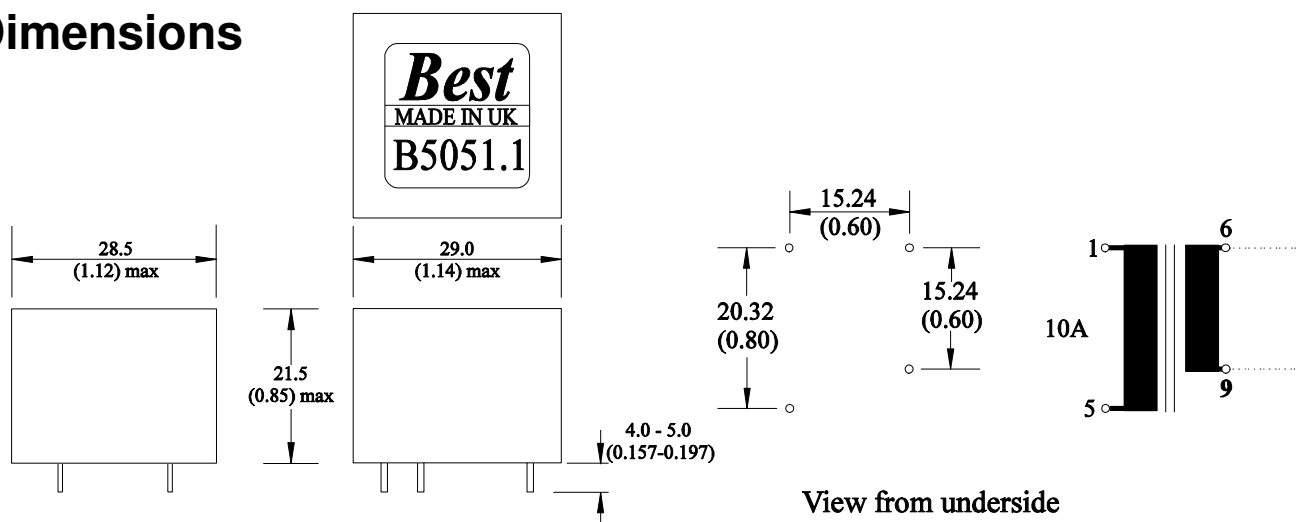
B5051.1

Provisional Data Sheet

Features

- Low Profile
- 2500 V Isolation
- Resin Encapsulated
- Flammability to UL94 V0
- 10 Amperes Continuous
- Fully Shrouded Connections

Dimensions



Pin size 0.95 * 0.6mm

Dimensions in mm (inches)
Recommended PCB hole size 1.4mm Ø

View from underside

Tolerances ± 0.3 mm

Technical Data

Parameter	Conditions	Value
Input Current	50/60 Hz AC	10 A
Output Current	68 Ω	0.1 V/Amp (14.7mA)
Input / Output Linearity		1% Maximum
Winding Resistance	Pins 1-5	0.007 Ω Typical
Winding Resistance	Pins 6-9	26.0 Ω Typical
Isolation Voltage	RMS	2500 V
Max Output Loading		150 Ω Typical
Operating Range	Ambient Temperature	-10°C to +70°C
Functional		-40°C to +125°C
Storage		95% R.H.
Humidity		

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