

H.D.S.L. Transformer. 135Ω 1 : 1 : 1

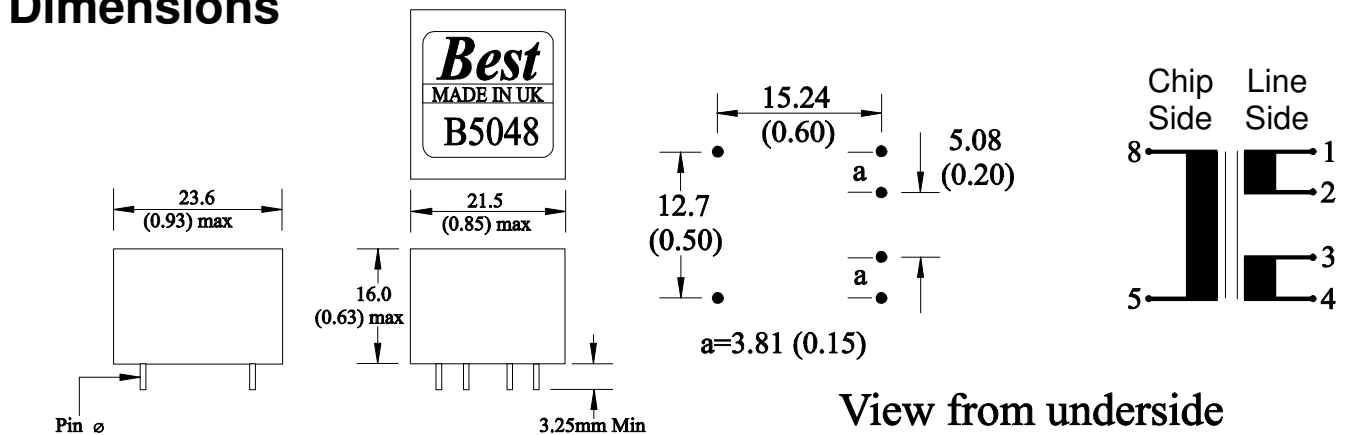
Provisional Data Sheet (Issue 2)

B5048

Features

- 16mm Seated height
- Meets ANSI / ETSI standards
- Tested to 2 kV DC isolation
- Suits 1168 kbps
- Designed for use with Brooktree Bt8921
- Flammability to UL94 V0

Dimensions



Dimensions in mm (inches)

Recommended PCB hole size 1.0mm Ø

Pin grid and box geometric centres coincide within a tolerance circle of 1.0mm

Tolerances ±0.1mm

Technical Data

Parameter	Conditions	Value
Inductance pins 1-2 + 3-4	10 kHz 10 mV	2 mH Total (Line Side)
Leakage Inductance pins 1-2 + 3-4	100 kHz 10 mV	<8 µH
Ratio Pins 5-8 : 1-2 : 3-4		1 : 1 : 1
Isolation voltage	DC	2 kV
Carrying Current	DC	70 mA Max
DC Resistance	5-8 (Chip side)	1.0 Ω Max
DC Resistance	1-2 + 3-4 (Line side)	2.5 Ω Max
Operating Range	Ambient temperature	-10°C to 70°C
Functional		-40°C to 125°C
Storage		-40°C to 125°C

Best Windings Ltd

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