

H.D.S.L. Transformer. 135Ω 2 : 1 : 1

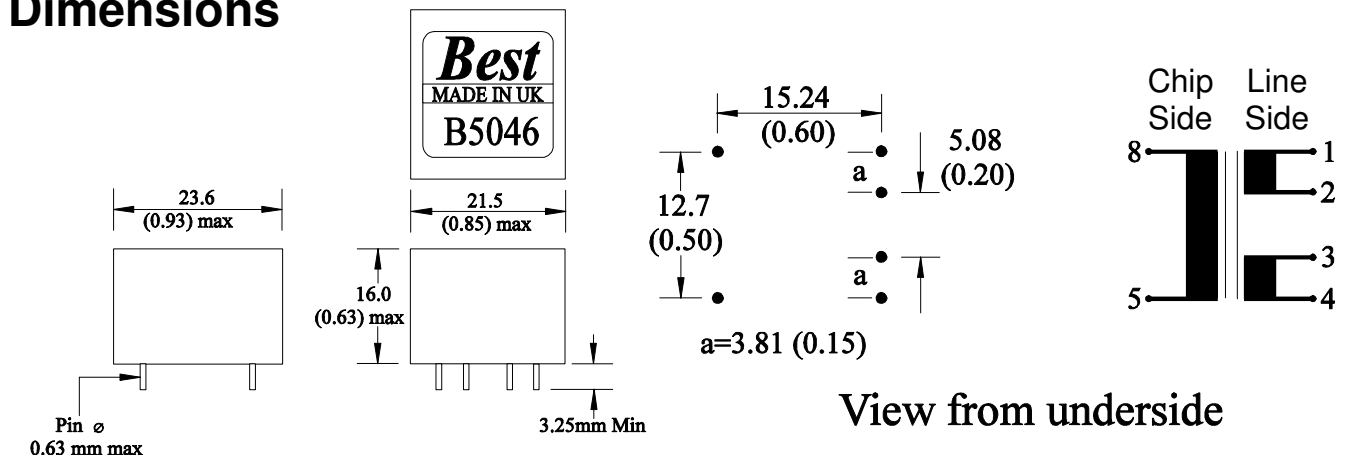
Provisional Data Sheet (Issue 2)

B5046

Features

- 16mm Seated height
- Meets ANSI / ETSI standards
- Tested to 2 kV DC isolation
- Suits 784 kbps
- Designed for use with Brooktree Bt8952
- Flammability to UL94 V0

Dimensions



View from underside

Tolerances ± 0.1 mm

Dimensions in mm (inches)

Recommended PCB hole size 1.0mm \varnothing

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

Technical Data

Parameter	Conditions	Value
Inductance pins 5-8	10 kHz 10 mV	3 mH Typical (Chip Side)
Leakage Inductance pins 5-8	100 kHz 10 mV	<20 μ H
Ratio Pins 5-8 : 1-2 : 3-4		2 : 1 : 1
Isolation voltage	DC	2 kV
Carrying Current	DC	160 mA Max
DC Resistance	5-8 (Chip side)	3.7 Ω Typical
DC Resistance	1-2 + 3-4 (Line side)	3.7 Ω Typical
Operating Range	Ambient temperature	-10°C to 70°C
Functional Storage		-40°C to 125°C

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