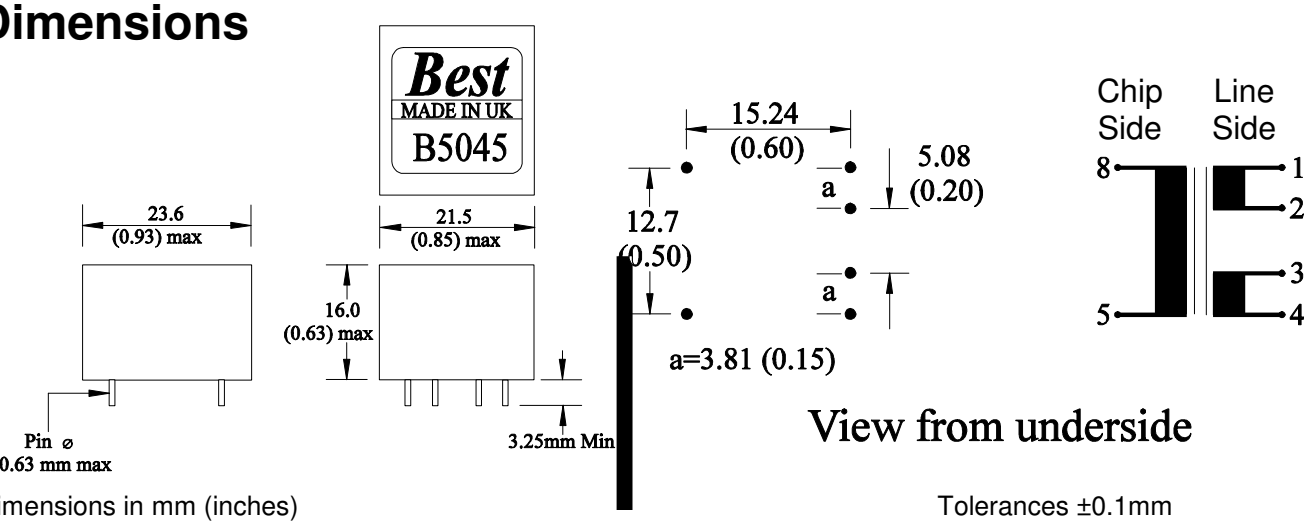
H.D.S.L. Transformer. 135Ω 2 : 1 : 1 B5045

Provisional Data Sheet (Issue 2)

Features

- 16mm Seated height
- Meets ANSI / ETSI standards
- Tested to 2 kV DC isolation
- Suits 1168 kbps
- Designed for use with Brooktree Bt8952
- Flammability to UL94 V0

Dimensions



Dimensions in mm (inches) Tolerances ±0.1mm

Recommended PCB hole size 1.0mm Ø

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	2 mH Typical (Chip side)
Leakage Inductance pins 5-8	100 kHz 10 mV	<16 µH
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)	2.2 Ω Typical
DC Resistance	1-2 + 3-4 (Line side)	1.2 Ω Typical
Operating Range Functional Storage	Ambient Temperature	 -10º to 70ºC -40ºC to 125ºC

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