

H.D.S.L. Transformer. 135Ω 1 : 1 : 1

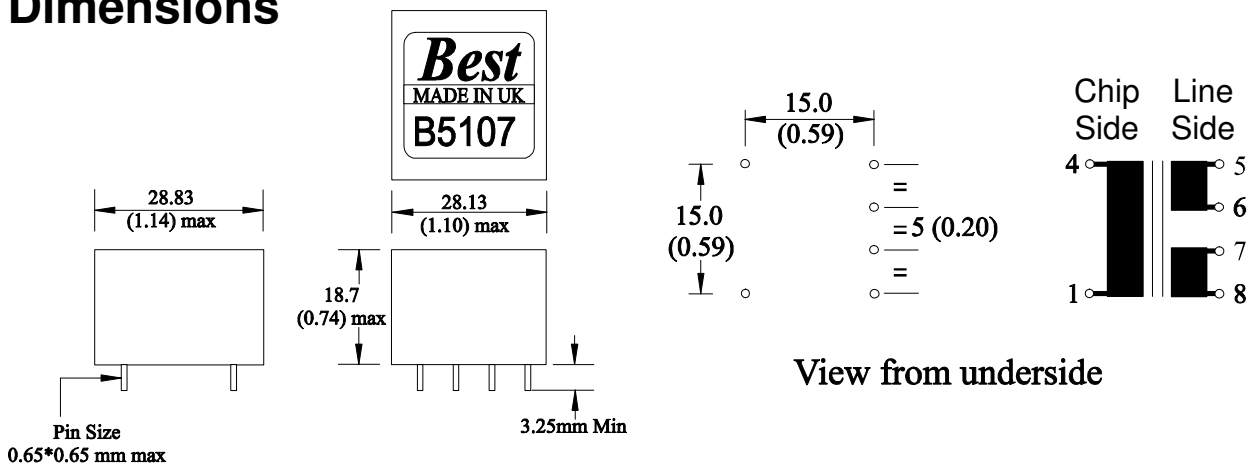
Provisional Data Sheet

B5107

Features

- 19mm Seated height
- Fully shrouded connections
- Tested to 6.5 kV DC isolation
- Vacuum encapsulated
- Suits 416 kbps
- Designed for use with Brooktree Bt8970
- Flammability to UL94 V0
- Complies to BS EN 60950

Dimensions



Dimensions in mm (inches)
Recommended PCB hole size 1.0mmØ

Tolerances ±0.3mm

Technical Data

Parameter	Conditions	Value
Inductance pins 5-6 + 7-8	10 kHz 10 mV	3.5 mH Typical (Line Side)
Leakage Inductance pins 1-4	200 kHz 10 mV	<20 µH
Ratio Pins 1-2 : 5-6 : 7-8		1 : 1 : 1
Carrying Current	DC	60 mA
DC Resistance	1-2 (Chip side)	0.4 Ω Typical
DC Resistance	5-6 + 7-8 (Line side)	2.8 Ω Typical
Isolation voltage Chip : Line	DC	6.5 kV
Operating Range	Ambient temperature	
Functional		-10°C to 70°C
Storage		-40°C to 125°C

Best Windings Ltd

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