

# Line matching transformer 120Ω 1:1

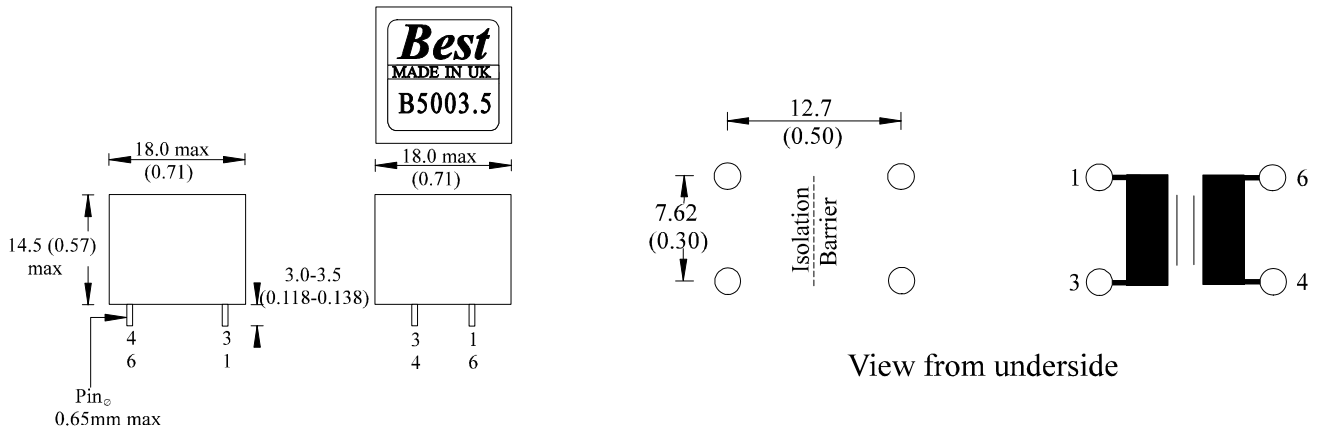
# B5003.5

Provisional Data Sheet

## Features

- 14.5mm Seated height
- 1500V DC isolation
- Rugged construction
- Resin encapsulated
- Flammability to UL94 V0

## Dimensions



View from underside

Tolerances  $\pm 0.3\text{mm}$

Dimensions in mm (inches)

Recommended PCB hole size 1.0mm  $\varnothing$

Pin grid and box geometric centres coincide within a tolerance circle of 0.6mm

## Technical Data

Parameter	Conditions	Value
Inductance pins 1-3	10 kHz	15 mH (typical)
Leakage Inductance pins 1-3	100 kHz	30 $\mu\text{H}$ (typical)
Ratio Pins 1-3 : 4-6		1 : 1
DC Resistance	Sum of windings	10 $\Omega$ (typical)
Capacitance winding / winding	10 kHz - 10 mV	35 pF
Isolation	DC	1500 V
Operating temperature		-10°C to 70°C
Storage temperature		-40°C to 125°C

# Best Windings Ltd

[www.bestwindings.co.uk](http://www.bestwindings.co.uk)

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