

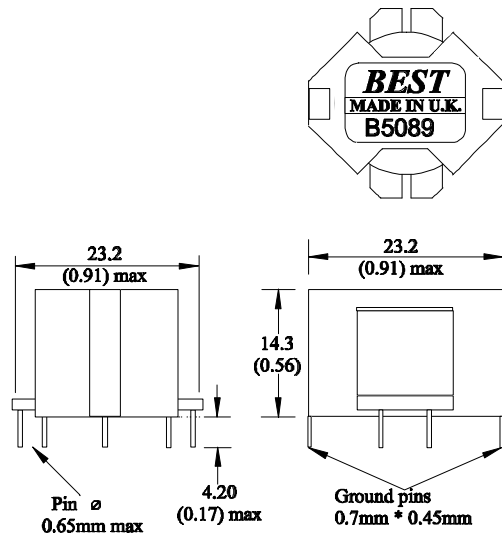
# Step-Up Switched Mode Transformer

# B5089

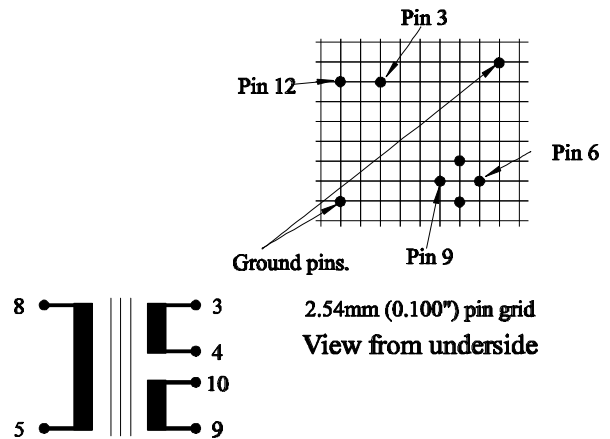
## Features

- Robust construction
- Industry Standard Footprint
- Flammability UL94 -V0
- 500 V DC Isolation Min.

## Dimensions



## Connections



Dimensions in mm (inches)

Connection pins require finished hole size of 1.1mm ( $^{+0.15}$ ).

N.B. 3mm pads give 6mm creepage / clearance on PCB

Tolerances  $\pm 0.1$ mm

## Technical Data

Parameter	Conditions	Value
Inductance Pins 3-4	1 kHz 100mV	324 $\mu$ H Typical
Ratio 3-4 : 1-2 + 5-8		1 : 0.11 + 1.67
DC Resistance	Primary Winding	0.2 $\Omega$ Typical
DC Resistance	Combined Secondaries	0.41 $\Omega$ Typical
Isolation Voltage	DC	500 V Min
Operating range	Ambient Temperature	-10°C to +70°C
Functional		-40°C to +125°C
Storage		

# Best Windings Ltd

<http://www.bestwind.u-net.com/>

©The product numbers used are the trademarks of Best Windings Ltd  
©1997 Best Windings Ltd. Reproduction Prohibited

Best Windings Ltd, Viking Works,  
7 Bucklesham Road, Kirton, Ipswich,  
Suffolk, England. IP10 0NX

E-Mail: [sales@bestwind.u-net.com](mailto:sales@bestwind.u-net.com)

Tel: + 44 (0) 1394 448 424

Fax: + 44 (0) 1394 448 430

July 1997