

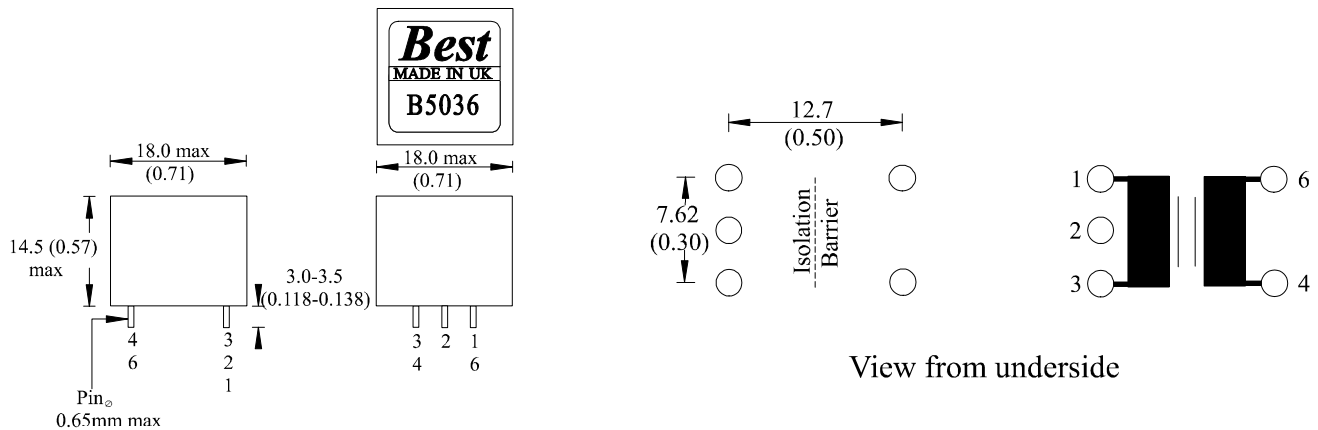
50kHz Switch Mode Transformer (1:1.2) B5036

Provisional Data Sheet

Features

- Low Cost
- 6500V DC Isolation (8kV Pulse)
- Rugged construction
- Vacuum encapsulated
- Flammability to UL94 V0
- Power Across Barrier

Dimensions



Dimensions in mm (inches)
 Recommended PCB hole size 1.0mm Ø
 Pin grid and box geometric centres coincide within a tolerance circle of 0.6mm

Tolerances ± 0.3 mm

Technical Data

| Parameter | Conditions | Value |
|------------------------|-----------------|----------------------|
| Inductance pins 1-3 | 10 kHz 10mV | 850 μ H Typical |
| Leakage Inductance 1-3 | 10 kHz 10mV | 32 μ H Typical |
| Ratio Pins 1-3 : 4-6 | | 1 : 1.2 * |
| DC Resistance | Primary Winding | 0.4 Ω Typical |
| Isolation | DC | 6500 V |
| Operating temperature | | -10°C to 70°C |
| Storage temperature | | -40°C to 125°C |

* Other Ratios / Input Voltages Available

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