

S.M.P. Transformer Intrinsically safe

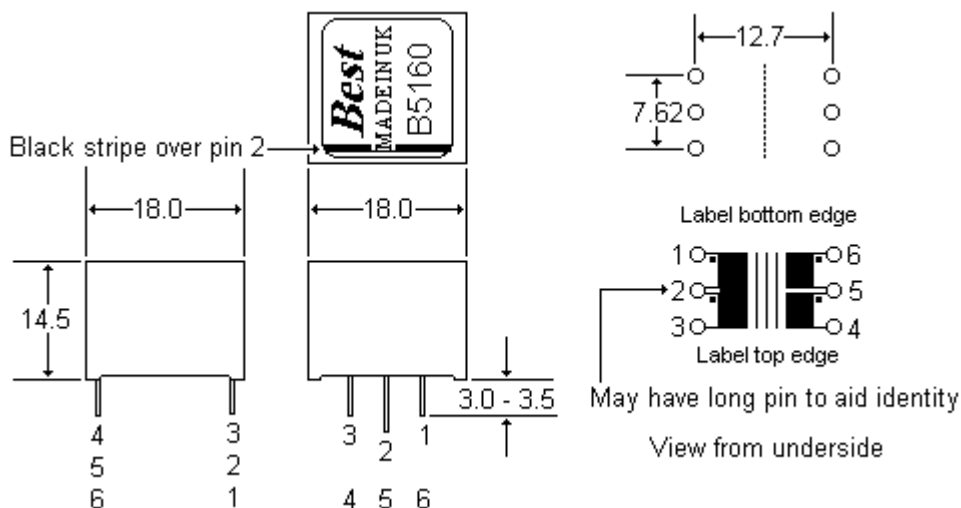
B5160

Provisional Data Sheet Nov.01

Features

- 14.5mm Seated height
- Fully shrouded connections
- Tested to 6.5kv DC isolation
- Vacuum encapsulated
- Flammability to UL94 V0
- Meets BASEEFA Requirements
- Delivery usually from stock
- Other versions to order

Dimensions



Dimensions in mm
Recommended PCB hole size 1.0mmØ

Tolerances $\pm 0.3\text{mm}$

Technical Data

Parameter	Conditions	Value
Inductance pins 1-3	10 kHz 10 mV	720 -1170 μH
Leakage Inductance 4-6	10 kHz 10 mV	61 μH typical
Ratio Pins 1-3 / 4-5 + 5-6		1+1 / 1.47 +1.47
DC Resistance pins 1-3		0.42 Ω
DC Resistance pins 4-6		0.62 Ω
Isolation voltage	Tested @ 6.5kV dc 1min.	
Operating Range	Ambient temperature	
Functional		-10°C to 70°C
Storage		-40°C to 125°C

Best Windings Ltd

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