

HIGH FREQUENCY MAGNETICS

Specialty Through Hole Transformer

TM00106

- Operates as pulse transformer
- Operates as analog transformer
- Can be configured as 1 : 1 or 1 : 2 CT isolation transformer
- Can be configured as 1 : 3 auto transformer
- Operating temperature range: -40° C to +85° C
- Meets IEC 695, 2-2 flammability requirements
- PWB Process Capability: standard printed wiring board assembly techniques, total-immersion cleaning
- Reliability testing: Shock, vibration, temperature cycling, temperature - humidity - bias

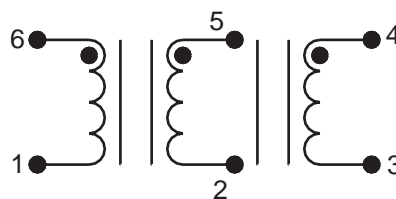
ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Turns Ratio ± 2%	Inductance	DCR Ω max			Leakage Inductance	Minimum Interwinding Breakdown Voltage
		10 kHz, 0.045 Vac mH min	(1-6)	(2-5)	(3-4)	100 kHz μH min	
	(1-6) : (2-5) : (3-4)	(1-6)	(1-6)	(2-5)	(3-4)	(2-5) ¹	Vrms
2745R2	1 : 1 : 1	1.51	2.6	2.6	2.6	1	100

1. (1-6) & (3-4) shorted

SCHEMATIC

2745R2

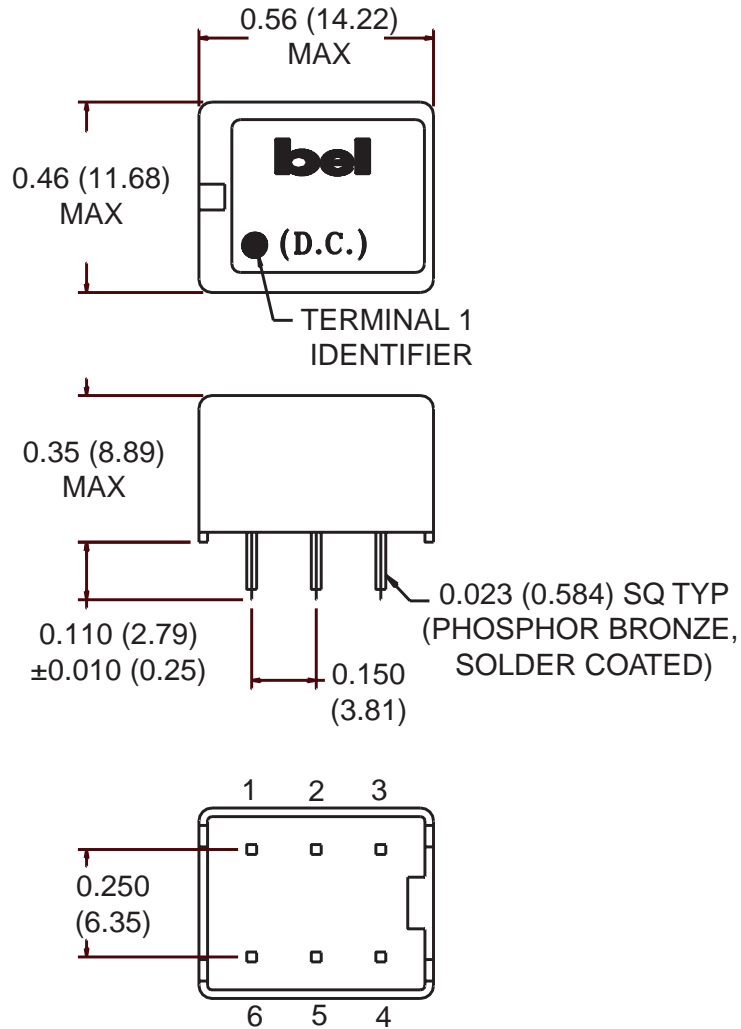


1 : 1 : 1

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MECHANICAL

2745R2



Unless otherwise specified, dimensions are nominal and in inches (millimeters).

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CORPORATE

Bel Fuse Inc.
198 Van Vorst Street
Jersey City, NJ 07302
Tel 201-432-0463
Fax 201-432-9542
www.belfuse.com

FAR EAST

Bel Fuse Ltd.
8F / 8 Luk Hop Street
San Po Kong
Kowloon, Hong Kong
Tel 852-2328-5515
Fax 852-2352-3706
www.belfuse.com

EUROPE

Bel Fuse Europe Ltd.
Preston Technology Management Centre
Marsh Lane, Suite G7, Preston
Lancashire, PR1 8UD, U.K.
Tel 44-1772-556601
Fax 44-1772-888366
www.belfuse.com