

HIGH FREQUENCY MAGNETICS

T1/E1 Through Hole Hardened Transformer

TM00127

- Designed to operate at the DS1 rate of 1.544 Mbits/s
- Meets IEC 695, 2-2 flammability requirements
- Winding (4-6) can handle a 6 A current surge for 1 second with no damage
- PWB Process Capability: standard printed wiring board assembly techniques, total-immersion cleaning
- Operating temperature range: -40°C to +85° C
- Reliability testing: Shock, vibration, temperature cycling, temperature - humidity - bias

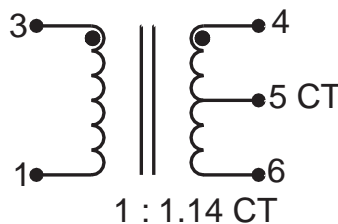
ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Nominal Turns Ratio ± 2%	Inductance ¹ mH Min	DCR Ω max		Leakage Inductance μH max	Interwinding Capacitance pF max	Minimum Interwinding Breakdown Voltage Vrms
	(3-1):(4-6)		(3-1)	(4-6)			
2745AL2	1 : 1.14 CT	1.25	0.85	0.40	1.8	14	1000

1. measured at 10 kHz, 0.1 Vac

SCHEMATIC

2745AL2

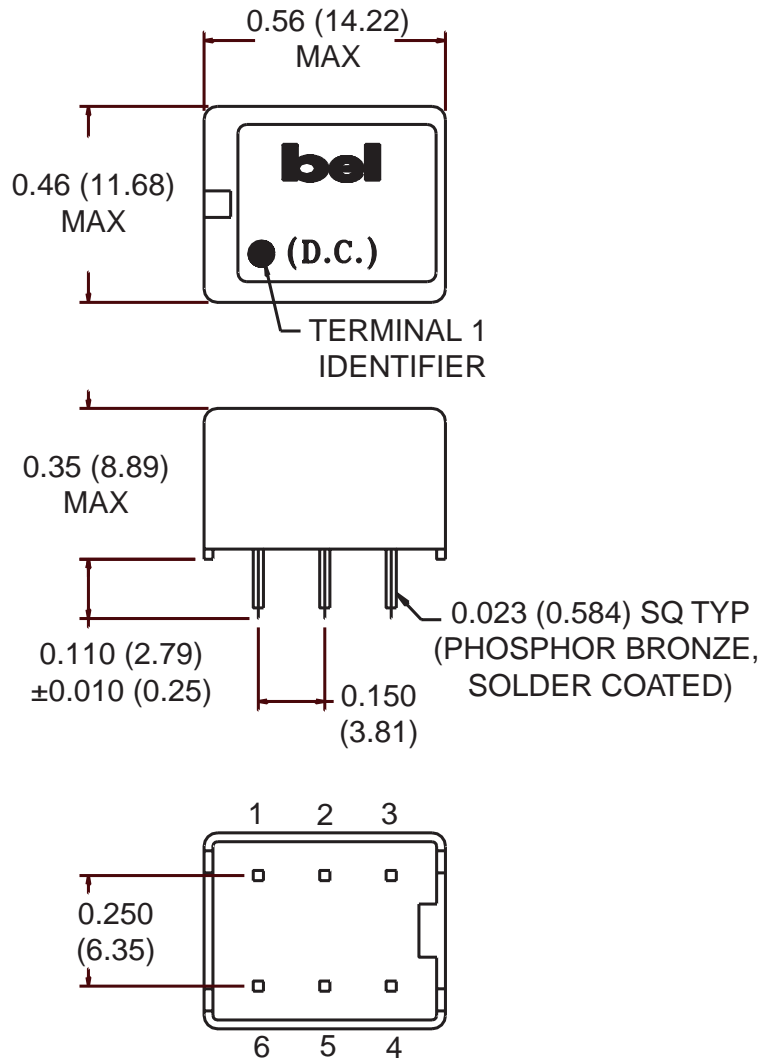


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MECHANICAL

2745AL2



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

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