

HIGH FREQUENCY MAGNETICS

T1/E1 Through Hole Transformer

TM00120

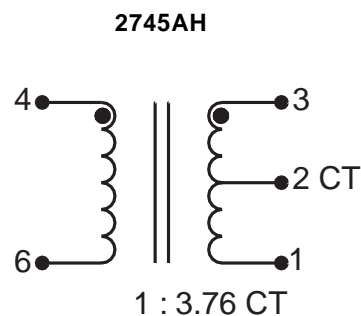
- Operates at 1.544 Mbits/s as a line interface transformer
- Provides high step-up ratio
- Operating temperature range: -40° C to +85° C
- Meets IEC 695, 2-2 flammability requirements
- PWB Process Capability: standard printed wiring board assembly techniques, total-immersion cleaning
- Reliability testing: Shock, vibration, temperature cycling, temperature - humidity - bias

ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Turns Ratio ±2%	Open-circuit Inductance ¹ µH Min	DCR Ω max		Leakage Inductance µH max	Interwinding Capacitance pF max	Minimum Interwinding Breakdown Voltage Vrms
	(4-6):(3-1)	(4-6)	(4-6)	(3-1)	(4-6)	(4-6) to (3-1)	
2745AH	1 : 3.76 CT	430	0.35	1.45	0.64	45	850

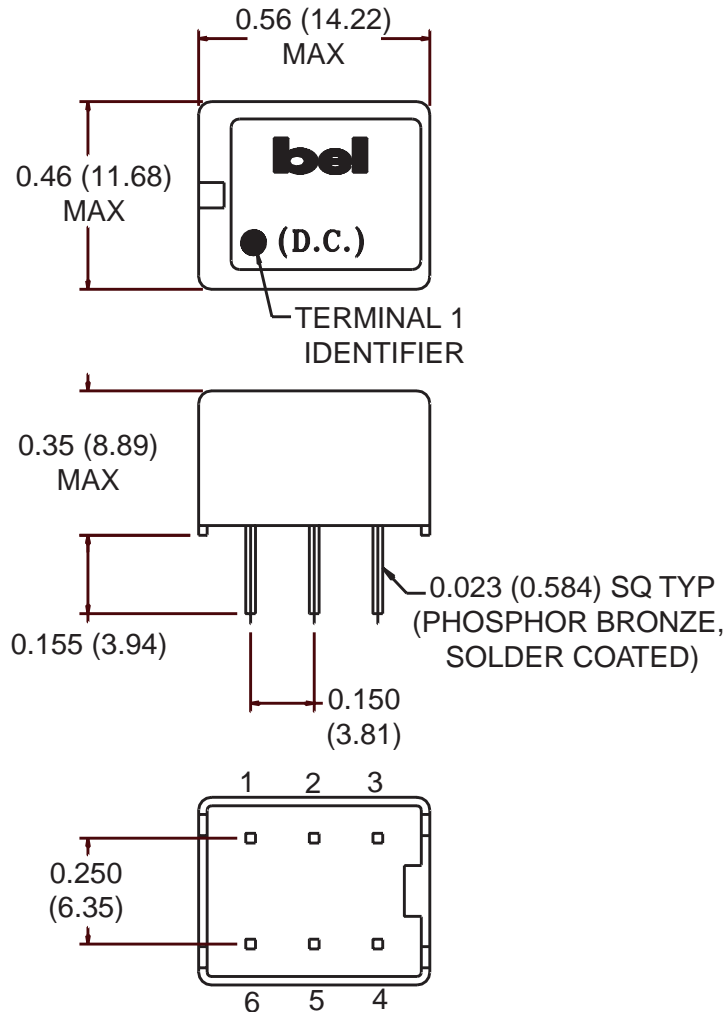
1. measured at 10 kHz, 0.1 Vac

SCHEMATIC



MECHANICAL

2745AH



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