

HIGH FREQUENCY MAGNETICS

T1/E1 Single Through Hole Transformer

TM00156

- Operates at the DS1 rate of 1.544 Mbits/s and the CEPT rate of 2.048 Mb/s
- Inductance unbalance of center-tapped winding is 0.3%, max
- Recommended transformer for new through-hole applications is 2745G3
- Operating Temperature Range: -40° 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

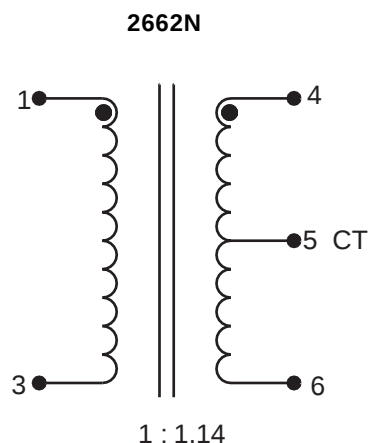
ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Turns Ratio ± 2%	Inductance ¹ μH min	DCR Ω max		Leakage Inductance ² μH max	Maximum Interwinding Capacitance pF	Primary ET Constant V-μs	Minimum Interwinding Breakdown Voltage Vrms
	(1-3):(4-6)	(1-3)	(1-3)	(4-6)				
2662N	1 : 1.14 CT	650	1.0	1.2	1.3	30	21	500

1. measured at 10 kHz, 0.1 Vac

2. measured at 100 kHz, 0.1 Vac

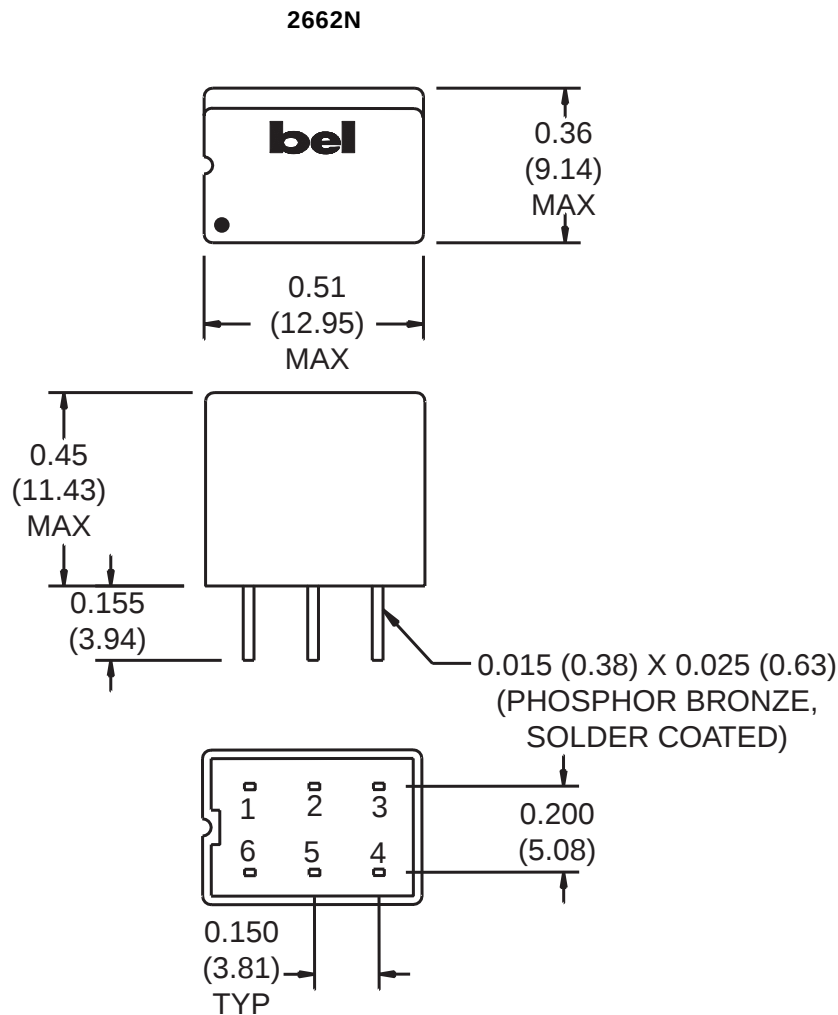
SCHEMATIC



HIGH FREQUENCY MAGNETICS

T1/E1 Single Through Hole Transformer

MECHANICAL



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

©2000 Bel Fuse Inc. Specifications subject to change without notice. 08.00

CORPORATE

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

T1-30

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