

HIGH FREQUENCY MAGNETICS

T1/CEPT Single Line Interface Transformers

TM00109

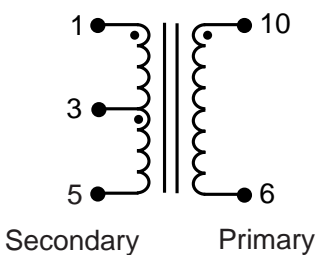
- Designed to meet the stringent demands of high density designs
- Minimum interwinding breakdown voltage of 3000 Vrms

ELECTRICAL SPECIFICATIONS at 25° C

Part Number	Turns Ratio ± 2%	Primary Inductance mH min	Leakage Inductance µH max	Interwinding Capacitance pF max	DCR Ω max		Extended Temp -40° C to 85° C
	Pri				Pri	Sec	
0553-6500-17	1 : 1 : 1.26	1.50	0.60	35	0.70	1.10	Yes
0553-6500-18	1 CT : 2 CT	1.20	0.55	30	0.70	1.10	Yes
0553-6500-19	1 : 1	1.20	0.50	30	0.70	0.70	No
0553-6500-20	1 CT : 2 CT	1.20	0.50	30	0.70	1.10	No
0553-6500-21	1 : 1.36 CT	1.20	0.60	35	0.70	0.90	No
0553-6500-22	1 : 1 : 2	0.80	0.50	25	0.70	0.70	No
0553-6500-23	1 CT : 1.58	0.80	0.70	18	0.70	0.50	No
0553-6500-24	1 CT : 3 CT : 1	0.60	0.80	30	0.70	1.70	Yes

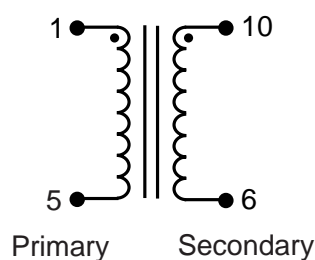
SCHEMATICS

0553-6500-17*
0553-6500-21

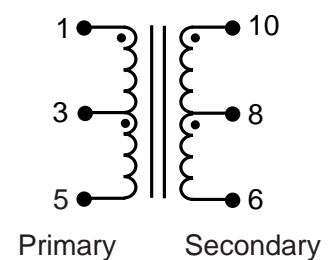


* 1 : 1.26 (6 - 10 : 1 - 5)
1 : 1 (6 - 10 : 3 - 5)

0553-6500-19



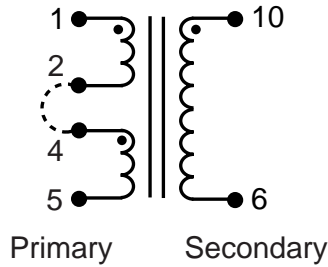
0553-6500-18
0553-6500-20



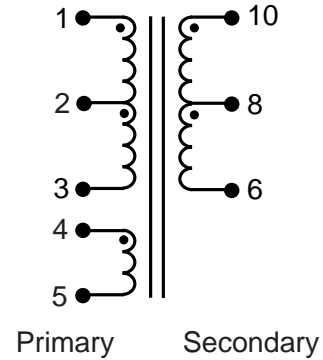
TM00109

SCHEMATICS

0553-6500-22
0553-6500-23

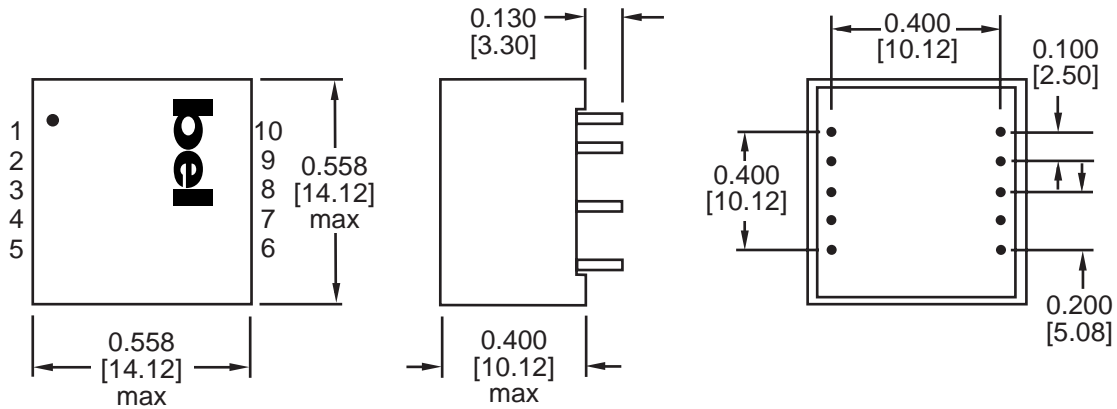


0553-6500-24



MECHANICAL

0553-6500-17
0553-6500-18
0553-6500-19
0553-6500-20
0553-6500-21
0553-6500-22
0553-6500-23
0553-6500-24



Dimensions are in inches [millimeters].

Standard dimension tolerance is ± 0.010 [0.25] unless otherwise noted.

Leads are 22 AWG.

©2000 Bel Fuse Inc. Specifications subject to change without notice. 05.00

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