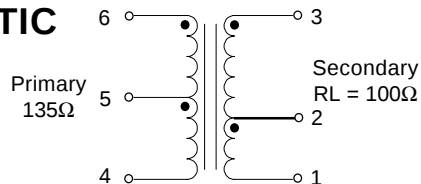


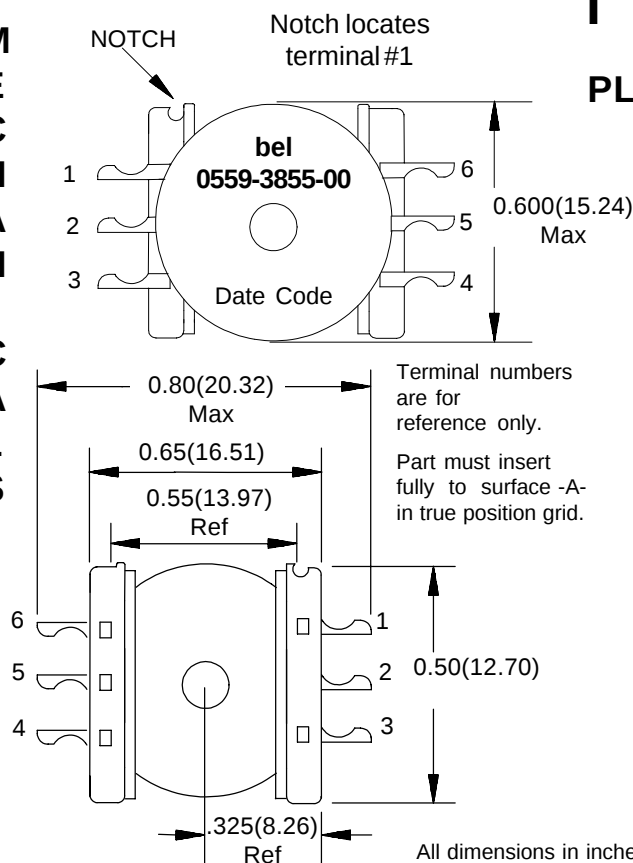
TRANSFORMER 0559-3855-00

SCHEMATIC

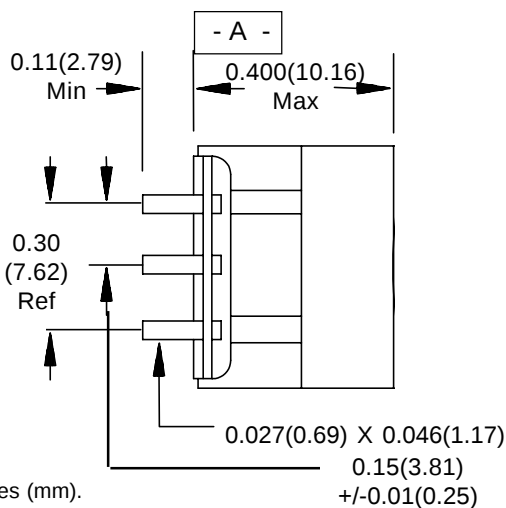
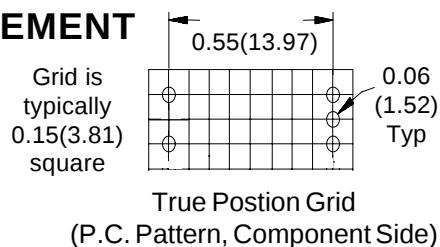


- * Designed to reflect 135 ohms on primary with 100 ohms on the secondary.
- * Longitudinal Balance is 60dB minimum from 200 to 1000Hz, and 40dB minimum at 15kHz.
- * Dielectric Rating is 1000 VAC.

M E C H A N I C A L S



PLACEMENT



All dimensions in inches (mm).
Dimension tolerance +/- 0.01(0.25) unless otherwise stated

ELECTRICALS @ 25° C.

Part Number	Turns Ratio +/- 2%	Primary Inductance (mH) Min	Leakage Inductance (μH)	Capacitance (pF) Nom.	DCR (ohms)	Return Loss (dB) Typ.		Insertion Loss (dB) +/- 0.25dB	Frequency Response (dB) +/- 0.5dB Typ
		Pins (4-6):(1-3)	Pins (4-6)	Pins (6 to 3)	Pins (1-3) & Pins (4-6)	100Hz-100kHz	1kHz	10kHz	100Hz-112kHz
0559-3855-00	1:1		200	22-43	45	16 - 19.5	15	32	1.25

Primary Inductance measured at 1kHz, 1.0VAC.

Capacitance and Leakage Inductance measured at 10kHz, 0.5VAC.[Leakage has Pins (1-3) shorted].

Corporate Office

Bel Fuse Inc.
198 Van Vorst Street, Jersey City, NJ 07302-4496
Tel: 201-432-0463
Fax: 201-432-9542
E-Mail: BelFuse@belfuse.com
Internet: <http://www.belfuse.com>

Far East Office

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

European Office

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