

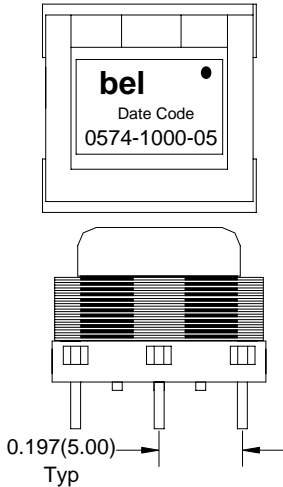
**MODEM TRANSFORMER**  
0574-1000-05

TM0042

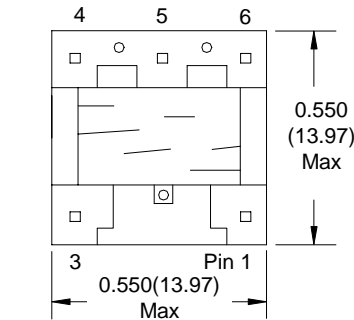
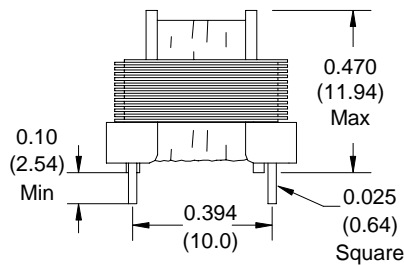
Bel proudly introduces a new modem transformer for data/fax modem applications including V.34bis 28,800 bps applications. These transformers exhibit very low distortion values, typically -89dB.

- \* 1250 Vrms isolation Voltage.
- \* Meets or exceeds requirements of: CAN/CSA-C22.2 (1988) No. 225(M90), and DOC's C3-03 (Issue 7): UL's UL1950; 2nd edition; and FCC's Part 68(58 FR 44907, Aug 25, 1993).
- \* Weight is 5.0 grams.

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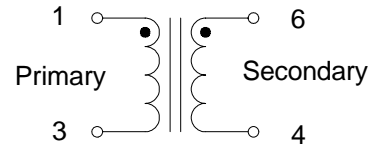


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Dimensions are in inches (mm).  
Dimension tolerance +/- 0.01(0.25) unless otherwise stated.

**SCHEMATIC**



**ELECTRICALS @ 25°C.**

Part Number	Turns Ratio (+/- 2%)	Insertion Loss (dB) +/- 0.25dB	Reflected Impedance (ohms) +/-5%	Typical Return Loss (dB) 1000Hz	DCR (Ω) +/- 10%		Longitudinal Balance (dB) Min		Harmonic Distortion (dB) Max 600Hz
					Pins (1-3)	Pins (6-4)	200Hz to 1000Hz	1000Hz to 4000Hz	
0574-1000-05	1 : 1	2.5	600	30	140	145	60	40	-82

Insertion loss measured at 1000Hz.  
Reflected impedance, distortion, Longitudinal balance measured with 312 ohms across the secondary.  
Harmonic Distortion is typically -89dB. The -82dB max is measured at 600Hz, -10dBm (V.34) ref.

Part Number	Frequency Response (dB) referenced at 1000Hz
	0574-1000-05

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