

MODEM MAGNETICS

V.90 Modem Surface Mount Transformer

TM00402

- Designed for full compliance with V.90 requirements
- Excellent harmonic distortion characteristics
- Meets UL and CSA safety standards
- Minimum interwinding breakdown voltage of 1250 Vrms

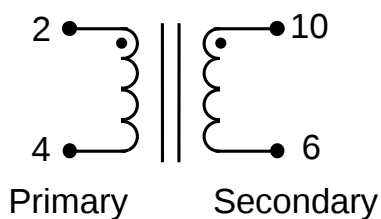
ELECTRICAL SPECIFICATIONS at 25° C

Part Number	Turns Ratio ± 1%	Insertion Loss dB max	Return Loss* dB typ	Frequency Response dB	DCR Ω ±10%		Harmonic Distortion dB max	Longitudinal Balance dB min	
		@ 1 kHz	@ 1 kHz	100 Hz - 4000 Hz	Pri	Sec	600 Hz @ -10dB	60 Hz - 1000 Hz	1000 Hz - 4000 Hz
S574-1000-18	1 : 1	2.5	37	±0.2	120	145	-86	70	60

* Measured with a 600Ω reference and a 340Ω load.

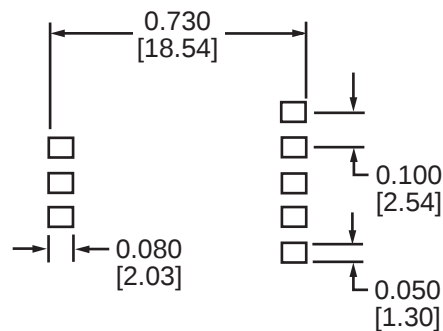
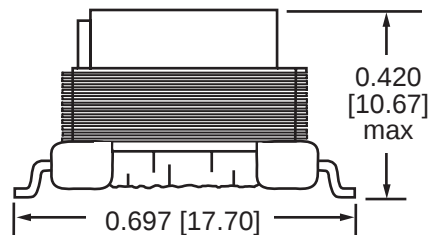
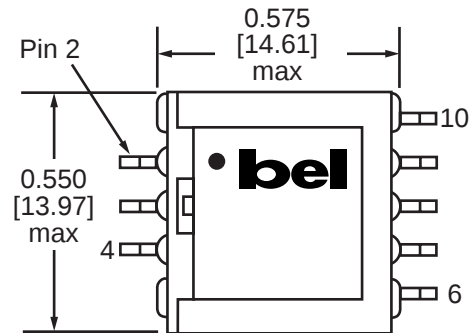
SCHEMATIC

S574-1000-18



MECHANICAL

S574-1000-18



Suggested PCB Pad Layout

Dimensions are in inches [millimeters].
Standard dimension tolerance is
 ± 0.010 [0.25] unless otherwise noted.

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