MODEM MAGNETICS

Audio/Voice Frequency Transformer

TM99AH

- Used for intercircuit signal transfer, impedance matching and V.32 modem applications
- Qualified per Bellcore TR-TSY-000357-1
- UL approved, file number E105648
- Operates over the audio/voice frequency range
- Minimum interwinding breakdown voltage of 1500 Vrms
- Meets IEC 695, 2-2 flammability requirements

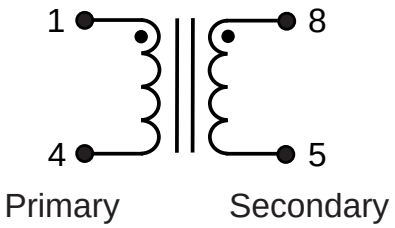
ELECTRICAL SPECIFICATIONS at 25° C

Part Number	Turns Ratio ± 2%	Primary Inductance* H min	Insertion Loss dB max	Return Loss dB typ	DCR Ω max		Frequency Shaping Relative to 1 kHz dB		Harmonic Distortion %
	Pri : Sec		@ 1 kHz	@ 300 Hz	Pri	Sec	200 Hz	50 kHz	@ 300 Hz
2746B	1 : 1	1.5	1.0	> 20	68	68	0.5	0.5	< 0.5

* Measured at 200 Hz, 1 Vac
Longitudinal balance meets FCC 68.310(a) standards
Power level -47 dBm to +7 dBm

SCHEMATIC

2746B



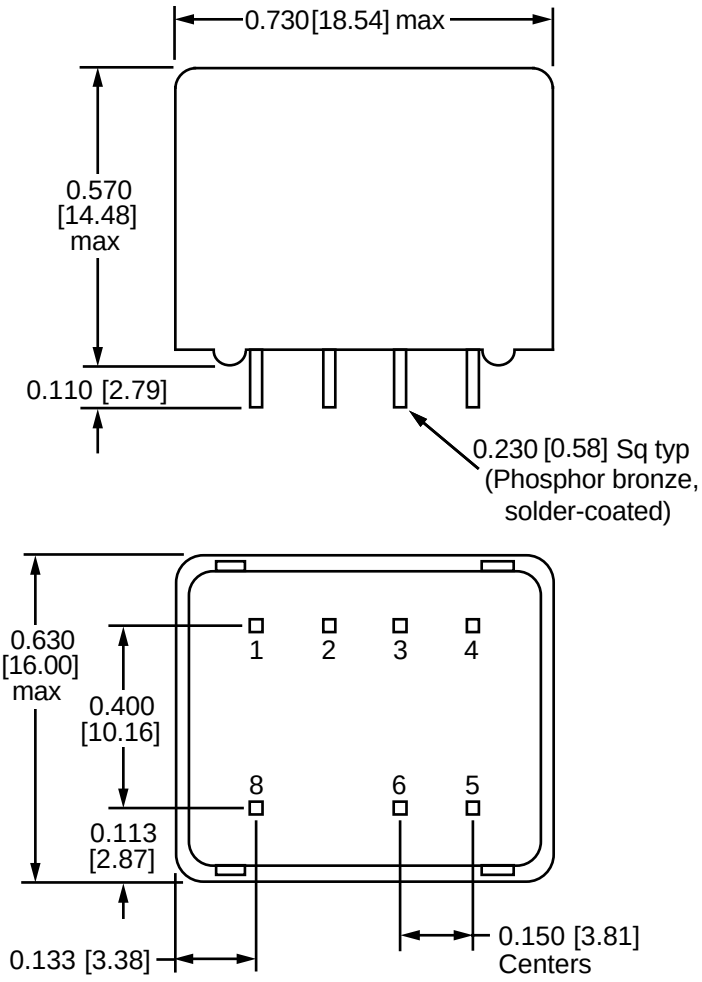
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MECHANICAL

2746B



Note: Unless otherwise specified, dimensions are nominal and in inches [millimeters].

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