

MODEM MAGNETICS

European V.34 Modem Transformer

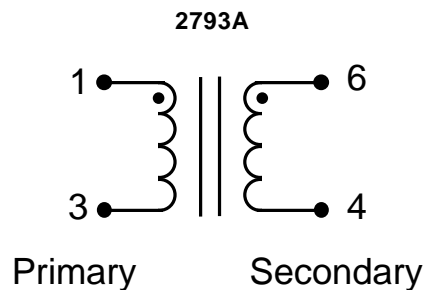
TM9964

- Provides isolation and very low harmonic distortion
- Impedance matching for various countries can be achieved using the appropriate resistor and capacitor values
- Qualified per Bellcore TR-TSY-000357-1
- Approved for use in applications requiring reinforced insulation
- Approved by UL, CSA and BABT
- Minimum interwinding breakdown voltage 3000 Vrms

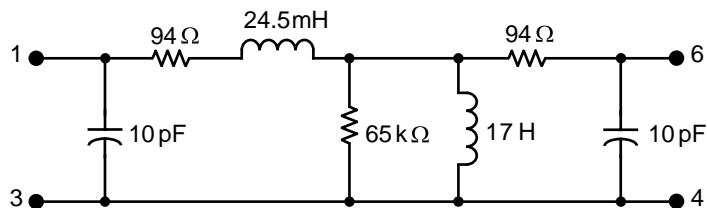
ELECTRICAL SPECIFICATIONS at 25° C

Part Number	Turns Ratio ± 2%	Insertion Loss dB	Return Loss dB	Frequency Response dB	DCR Ω max		Harmonic Distortion dB	Longitudinal Balance dB
		@ 1 kHz	300 Hz - 3500 Hz	100 Hz - 4 kHz	Pri	Sec	-10 dBm, 600 Hz	300 Hz - 3500 Hz
2793A	1 : 1	≤ 2.0	≥ 20	≤ 1.2	115	115	≥ 90	≥ 60

SCHEMATIC

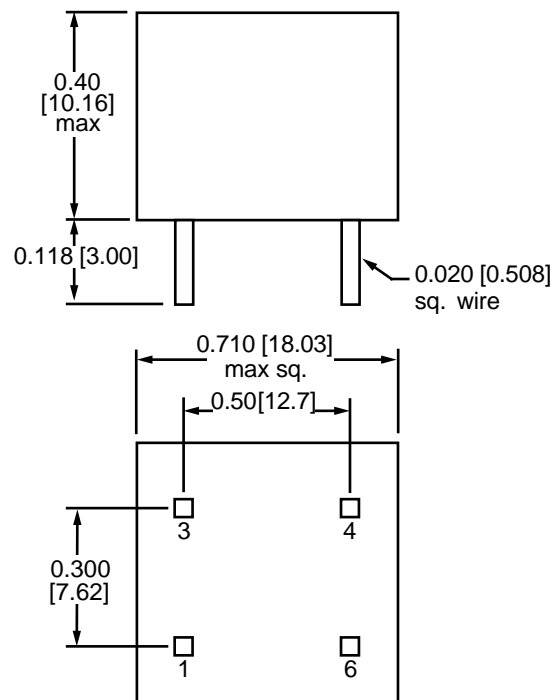


TYPICAL SPICE TRANSMISSION MODEL



MECHANICAL

2793A



Compatible with water-soluble flux
and total immersion cleaning process.

CORPORATE

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