

HIGH FREQUENCY MAGNETICS

Specialty Through Hole Shielded Transformer

TM00103

- Operates as a high frequency pulse transformer in telecom switching systems at various signaling rates
- Interwinding Electrostatic Shield provides low capacitance and high EMI suppression
- Electrical equivalents: 2664A and 2779D
- Operating temperature range: -40° C to +85° C
- Meets IEC 695, 2-2 flammability requirements
- PWB Process Capability: standard printed wiring board assembly techniques, total-immersion cleaning
- Reliability testing: shock, vibration, temperature cycling, temperature - humidity - bias

ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Turns Ratio ±2%	Secondary Inductance ¹ μH Min	DCR Ω max		Secondary Leakage ¹ Inductance μH		Interwinding & Winding Shield Capacitance pF max		Minimum Interwinding Breakdown Voltage Vrms
	(5-2) : (4-1) Pri : Sec	(4-1)	(5-2)	(4-1)	(4-1)		(4-1) : 6 ²	(4-1) : (5-2) ³	
2741L2	1 : 2	1.58	2.05	3.30	8.5 max	6.5 min	12	3	500

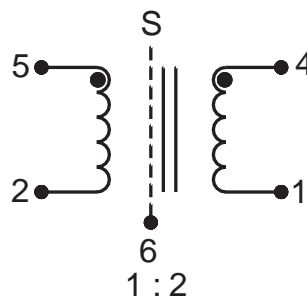
1.measured at 100 kHz, 0.05 Vac

2. with (5-2) grounded

3. with 6 grounded

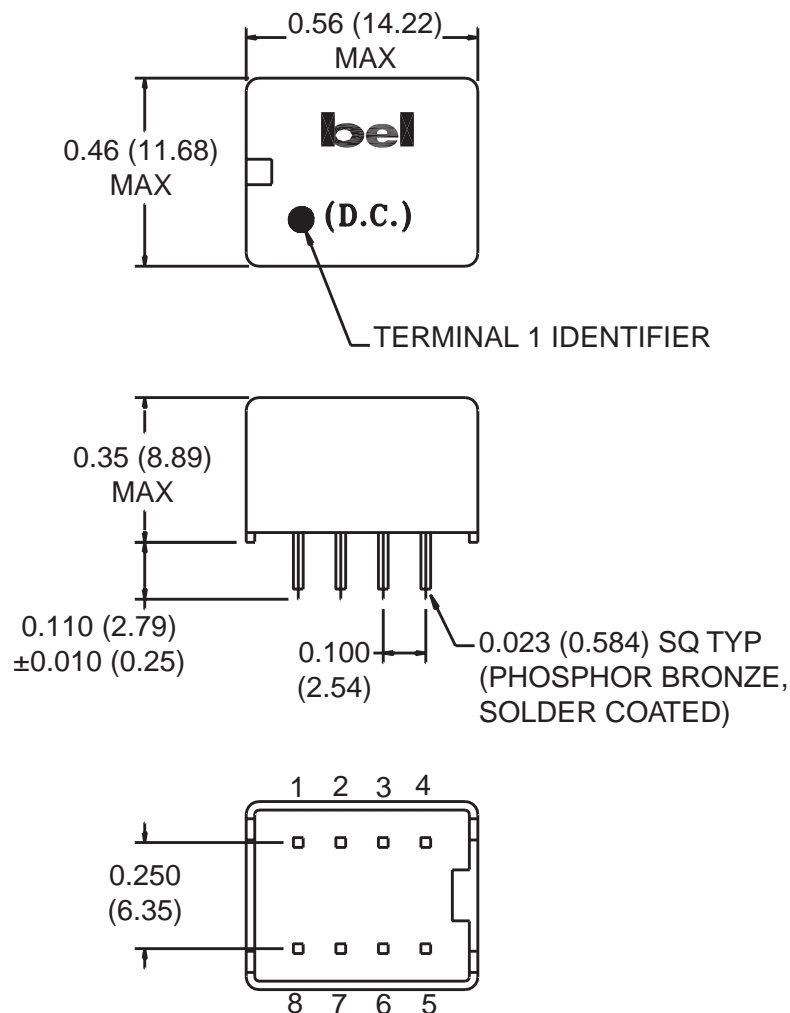
SCHEMATIC

2741L2



MECHANICAL

2741L2



Unless otherwise specified, dimensions are nominal and in inches (millimeters).

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