

# 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

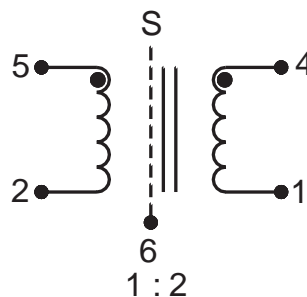
### ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Turns Ratio ±2%	Secondary Inductance <sup>1</sup> µH Min	DCR Ω max		Secondary Leakage <sup>1</sup> 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 <sup>2</sup>	(4-1) : (5-2) <sup>3</sup>		
2741L2	1 : 2	1.58	2.05	3.30	8.5 max	6.5 min	12	3	500

- measured at 100 kHz, 0.05 Vac
- with (5-2) grounded
- with 6 grounded

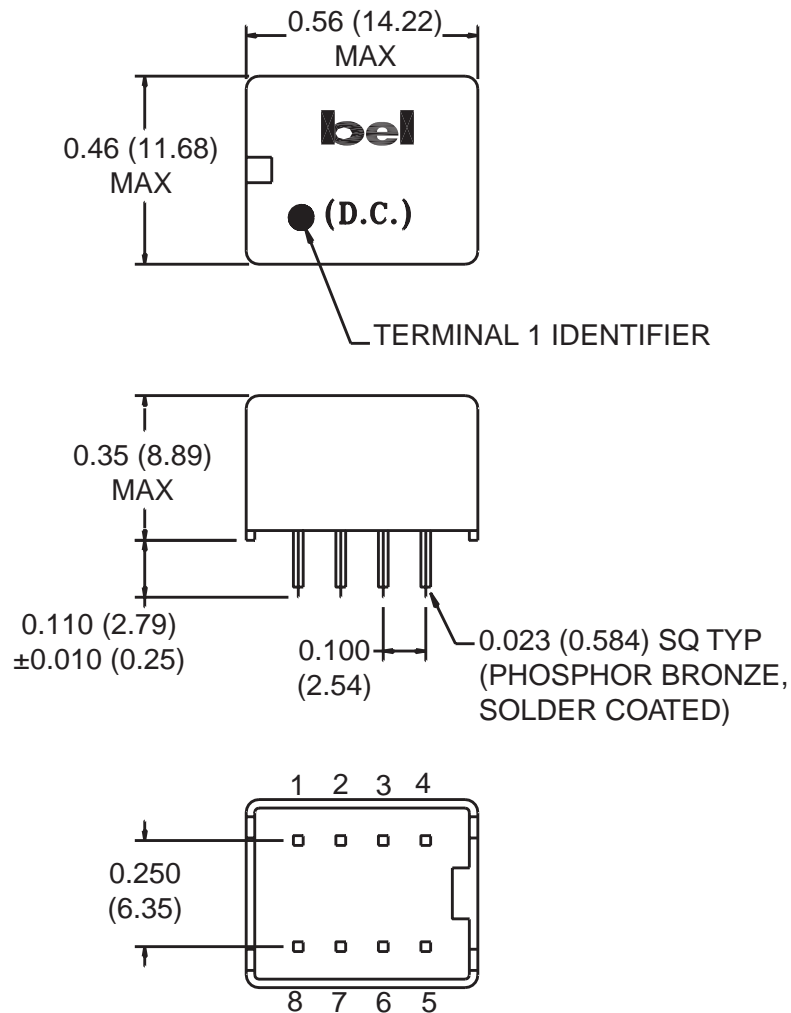
### SCHEMATIC

2741L2



### MECHANICAL

2741L2



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

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