

HIGH FREQUENCY MAGNETICS

T1/E1 Through Hole Transformer

TM00119

- Designed for digital signaling interface applications to DS1 or DS1C cross connects (DSX)
- 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

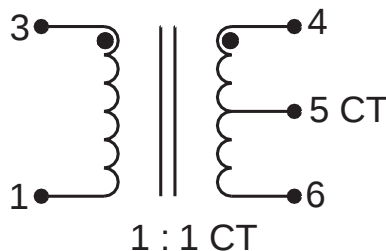
ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Turns Ratio ±2%	Inductance ¹ mH Min	DCR Ω max		Leakage Inductance μH max	Interwinding Capacitance pF max	Minimum Interwinding Breakdown Voltage Vrms
	(3-1):(4-6)	(3-1)	(3-1)	(4-6)	(3-1)	(3-1) to (4-6)	
2745AG2	1:1CT	2.3	0.98	1.18	2.0	25	500

1. measured 10 kHz, 0.05 Vac

SCHEMATIC

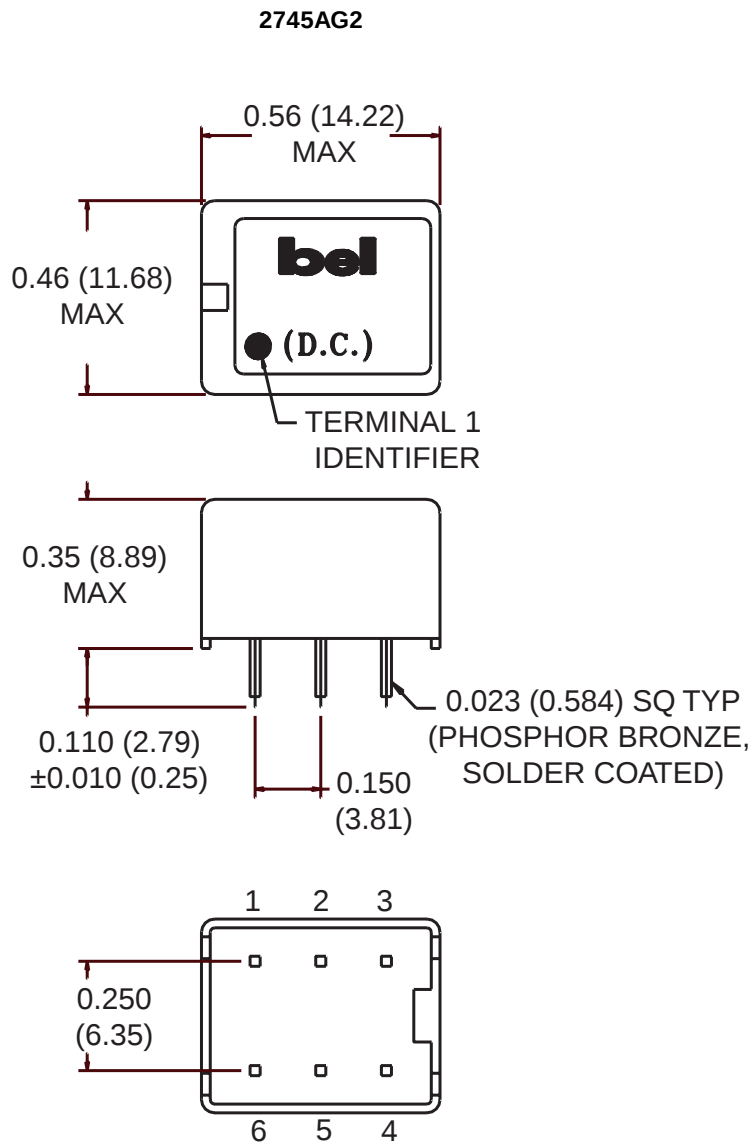
2745AG2



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MECHANICAL



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

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