

HIGH FREQUENCY MAGNETICS

Specialty Surface Mount Shielded Transformer

TM00107

- Operates as a high frequency pulse transformer or as a high frequency analog transformer in various telecom circuits requiring very high voltage step-up ratio
- Interwinding Electrostatic Shield provides low capacitance and high EMI suppression
- Electrical equivalents: 2664F, 2741P2, 2779A
- 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

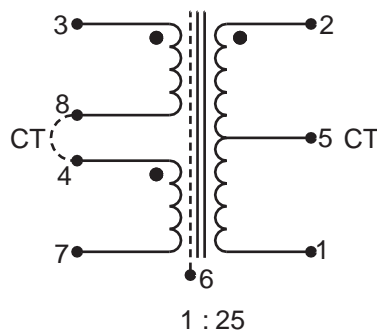
ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Nominal Turns Ratio ±1%	Inductance ² μH min	DCR Ω max	Leakage Inductance ² μH max	Interwinding Capacitance ^{4,5,6} pF max	Minimum Interwinding Breakdown Voltage Vrms
	(3-7) : (2-1) ¹	(2-5)	(3-8) (4-7) (2-1) ³	(3-7) ¹		
2779A	1 CT : 25 CT	300	1.92	0.20	5	500

- connect 4 to 8
- measured at 100 kHz, 0.02 Vac
- connect 4 to 8 & 2 to 7
- (3-8) to 6 with (2-1) grounded
- (4-7) to 6 with (2-1) grounded
- (3-7) to (2-1) with 6 grounded and 4 connected to 8

SCHEMATIC

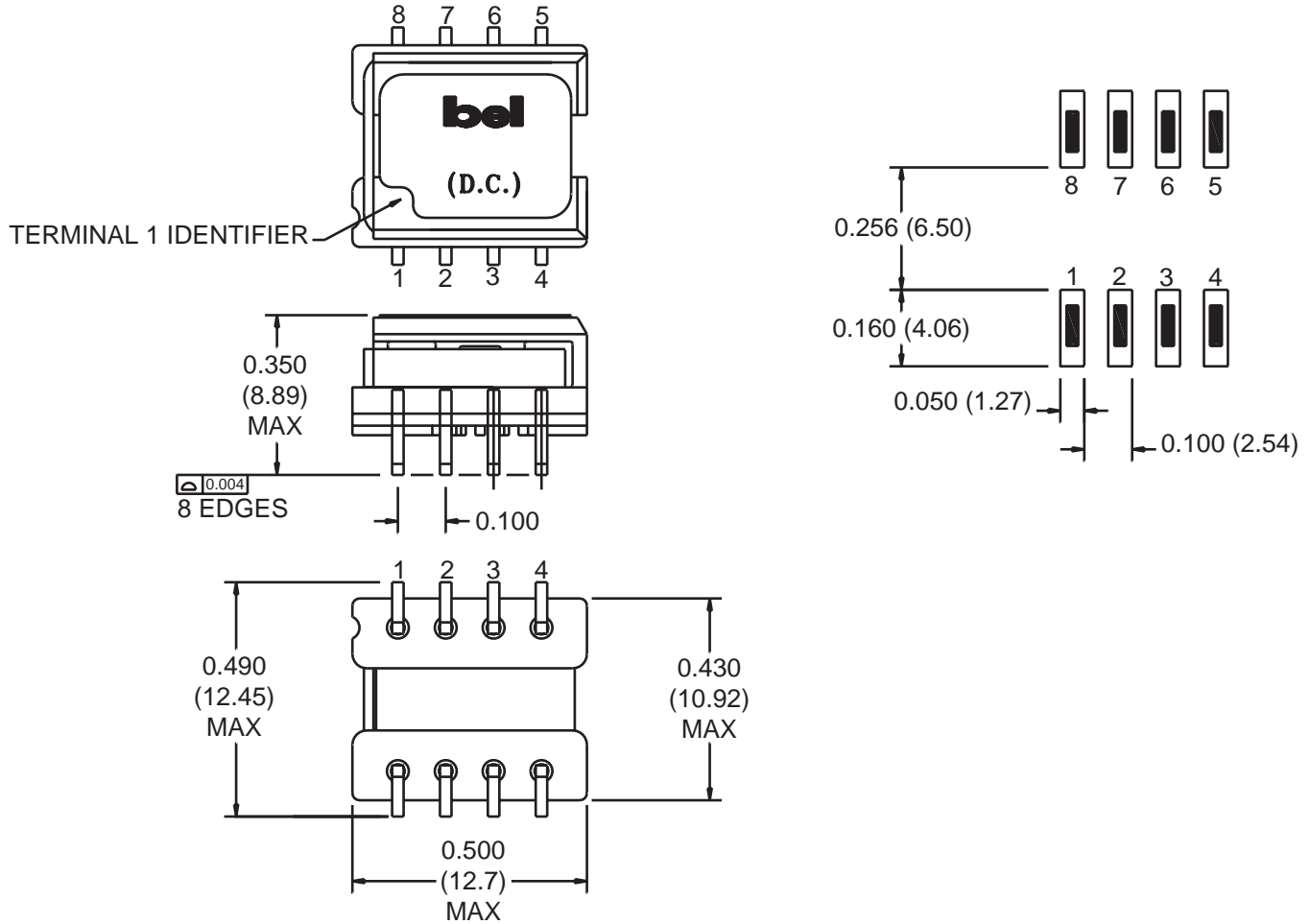
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MECHANICAL

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

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