

HIGH FREQUENCY MAGNETICS

T1/E1 Dual-Output Surface Mount Transformer

TM00134

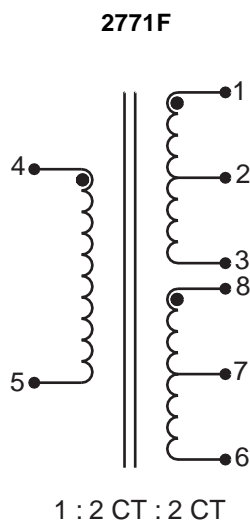
- Operates at T1 rate of 1.544 Mb/s and the E1 rate of 2.048 Mb/s
- Two center-tapped secondary windings provide two output signals from a single input
- Minimum interwinding breakdown voltage of 1500 Vrms
- Operating temperature range: -40°C to +85°C
- Meets IEC 695, 2-2 flammability requirements
- 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	Leakage Inductance ² µH max	DCR Ω max			Interwinding Capacitance pF	
	(4-5):(1-3)	(4-5):(8-6)			(4-5)	(3-1)	(8-6)	(4-5) : (1-3)	(4-5) : (8-6)
2771F	1 : 2CT	1 : 2CT	3.1	5	1.8	3.2	4.0	20	25

1. measured at 10 kHz, 0.1 V
2. measured at 100 kHz

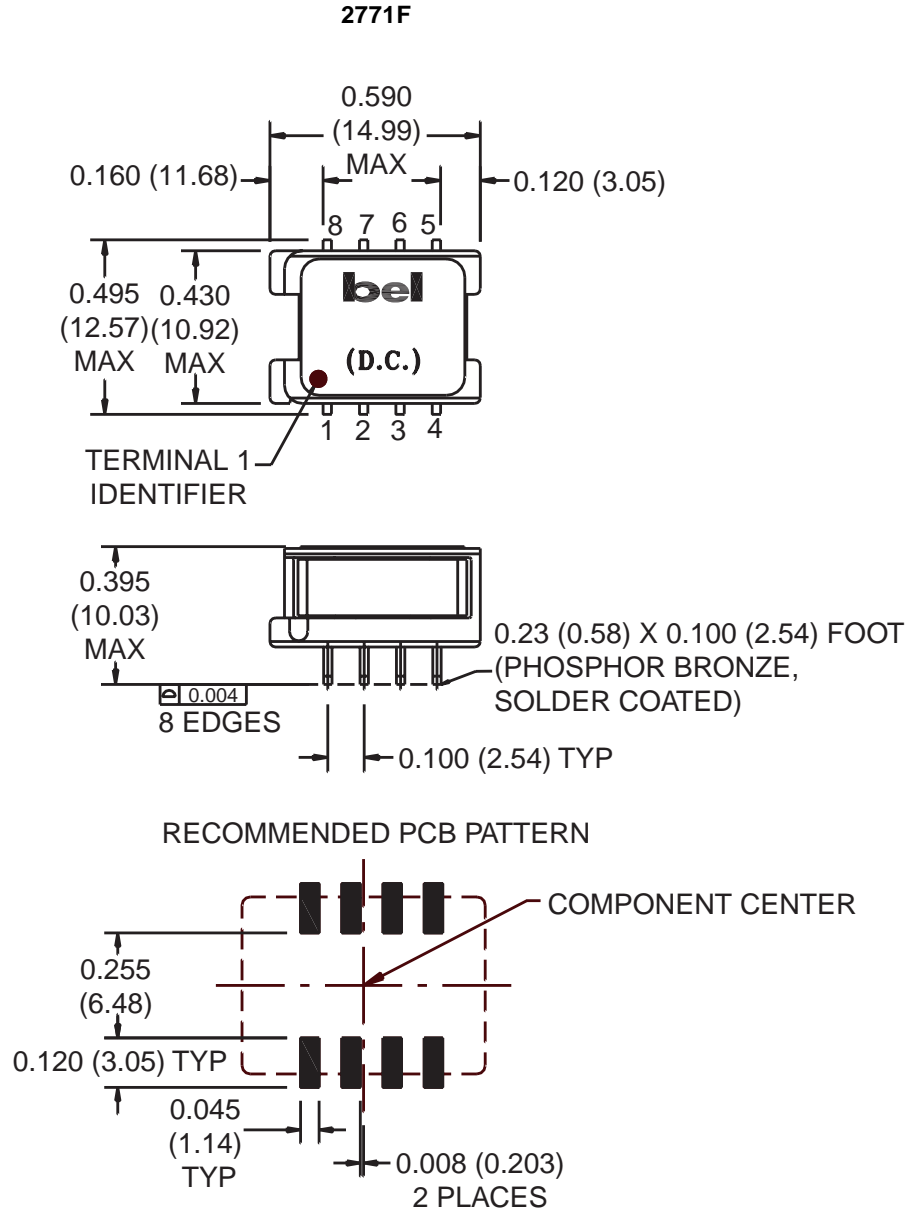
SCHEMATIC



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MECHANICAL



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

CORPORATE

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