

# HIGH FREQUENCY MAGNETICS

Specialty Through Hole Transformer

TM00102

- Operates as pulse transformer
- Operates as analog transformer
- Can be configured as 1 : 1 or 1 : 2CT isolation transformer
- Can be configured as 1 : 3 auto transformer
- 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

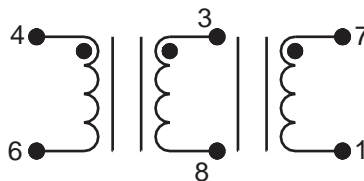
## ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Turns Ratio ± 3%	Inductance <sup>1</sup> μH min	DCR Ω max			Leakage Inductance <sup>2</sup> μH max	Interwinding Capacitance pF max	Minimum Interwinding Breakdown Voltage Vrms
	(4-6) : (3-8) : (7-1)		(4-6)	(3-8)	(4-6)			
2664G	1 : 1 : 1	120	0.3	0.3	0.3	0.31	30	100

1. measured at 100 kHz, 0.013 Vac  
2. measured at 100 kHz

## SCHEMATIC

2664G

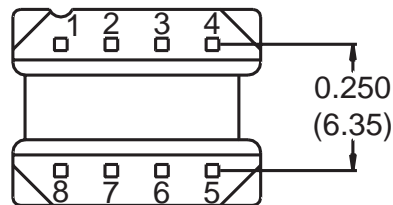
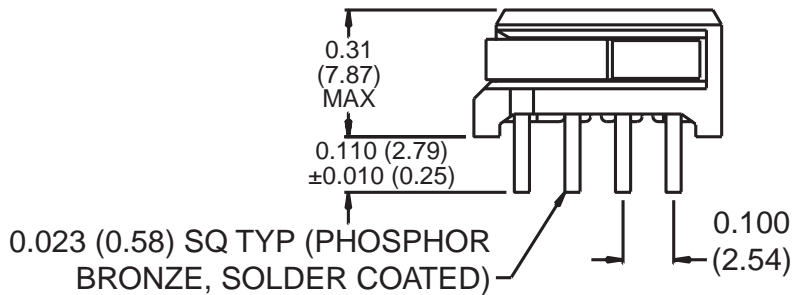
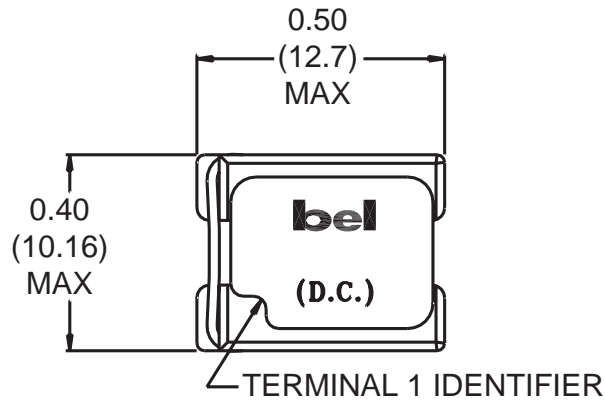


1 : 1 : 1

TM00102

#### MECHANICAL

2664G



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

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