

HIGH FREQUENCY MAGNETICS

T1/E1 Single Through Hole Shielded Transformer

TM9915

- Designed to operate at the DS1 rate of 1.544 Mbps
- Shielded transformer reduces EMI
- Qualified per Bellcore TR-TSY-000357-1
- Compatible with water-soluble flux and total-immersion cleaning
- Meets IEC-695, 2-2 flammability requirements
- Minimum interwinding breakdown voltage of 1000 Vrms

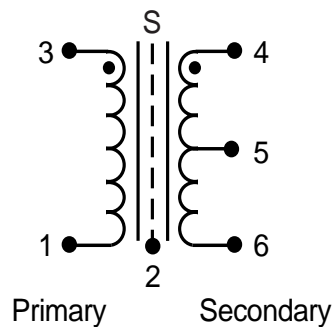
ELECTRICAL SPECIFICATIONS at 25° C

Part Number	Turns Ratio ±2%	Primary Inductance* mH min	Leakage Inductance μH max	DCR Ω max		Interwinding Capacitance pF max	Non-Shielded Version
	Pri : Sec			Pri	Sec		
2745AK2	1 : 1.14 CT	1.25	2.0	0.87	0.78	5 with terminal 2 grounded	2745G3

* Measured at 10 kHz, 0.1 Vac

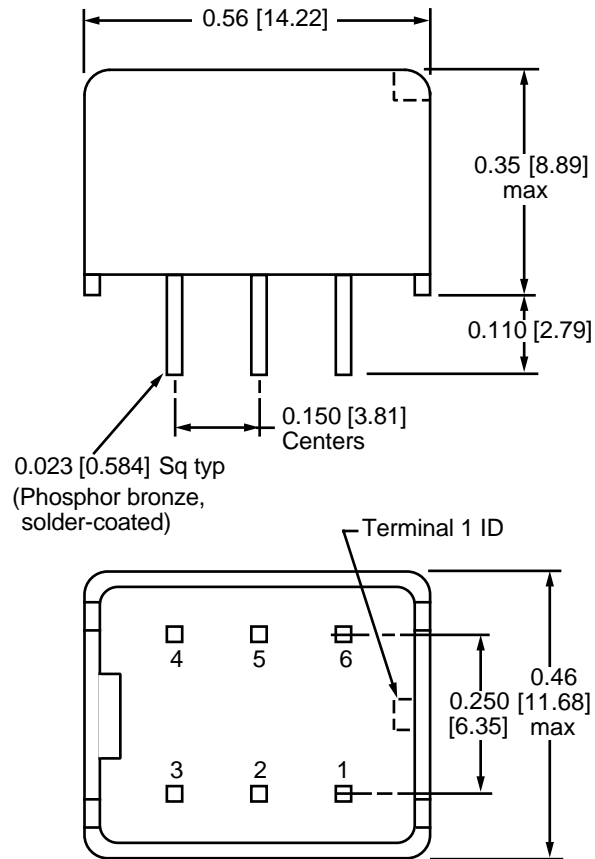
SCHEMATIC

2745AK2



MECHANICAL

2745AK2



Note: Unless otherwise specified, dimensions are nominal and in inches [millimeters].

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