

**DSL Magnetics**  
**RM4 Through-Hole Inductors**

- Designed with two well balanced and coupled windings for use in ADSL applications where filtering is required
- 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

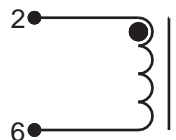
**ELECTRICAL SPECIFICATIONS AT 25° C**

Part Number	Inductance <sup>1</sup> μH	DCR Ω max	Quality Factor <sup>2</sup> min	Dielectric Rating <sup>3</sup> Vac
	(2-6)	(2-6)	(2-6)	between 2 & core
0560-6600-54	92 - 100	420	85	1500

1. measured at 100 kHz, 0.1 Vrms
2. measured at 100 kHz
3. 50 Hz or 60 Hz for 2 secs.

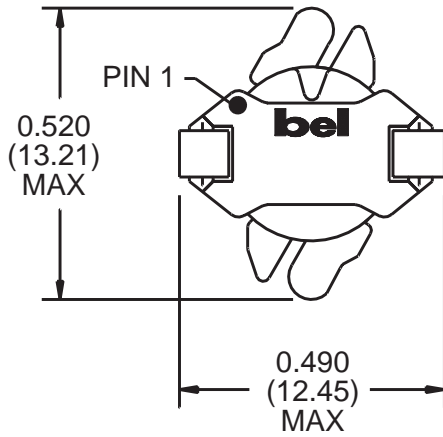
**SCHEMATIC**

0560-6600-54

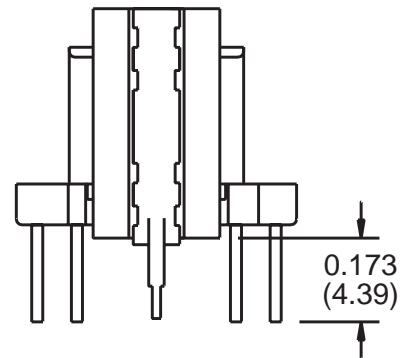
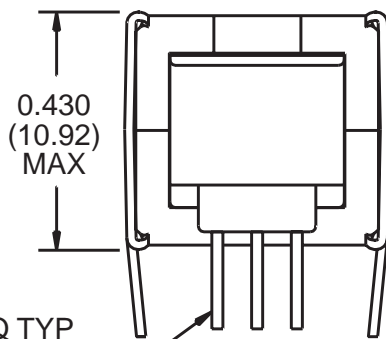
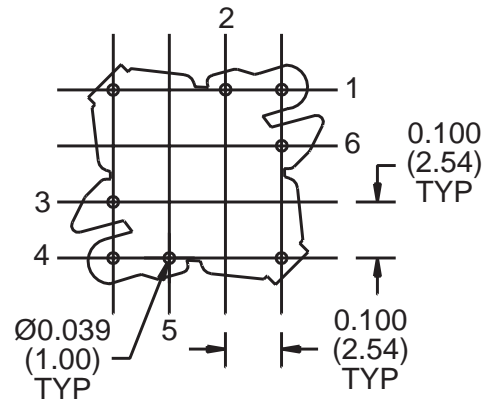


### MECHANICAL

0560-6600-54



LAYOUT OF HOLES  
VIEWED FROM COMPONENT SIDE OF PWB



0.024 (0.61) SQ TYP  
(PHOSPHOR BRONZE,  
SOLDER COATED)

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