

ADSL Magnetics

Level One SK70740/41/42 (LXT 770)

TM00318

- Designed to comply with the requirements as specified by Level One for HDSL2 and G.SHDSL applications
- Complies with the requirements of IEC 950 for supplementary insulation at 250V
- 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

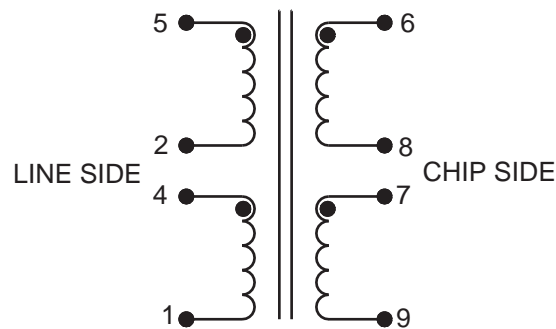
ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Package	Turns Ratio	Inductance ² mH ±5%	DCR Ω max		Leakage Inductance μH max	Dielectric Rating Vrms min
		Line : Chip ¹	(5-1) ³	(5-1) ³	(6-9) ⁵	(5-1) ⁴	between (5-1) & (6-9) ¹
S560-6600-L1	SMD	2.3 : 1	2	1.95	0.95	22	1500

1. connect terminals 2 to 4 & 8 to 7
2. measured at 10 kHz, 0.1 Vrms
3. connect 2 to 4
4. connect terminals 2 to 4, 8 to 7 & 6 to 9
5. connect 8 to 7

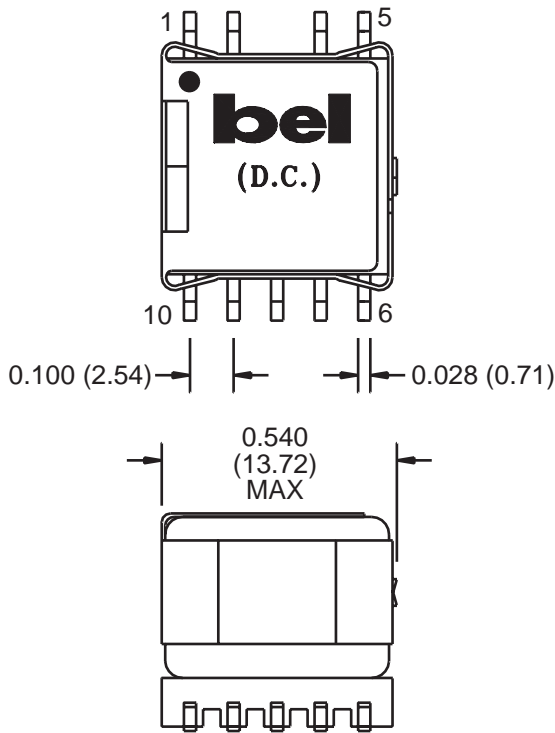
SCHEMATIC

S560-6600-L1

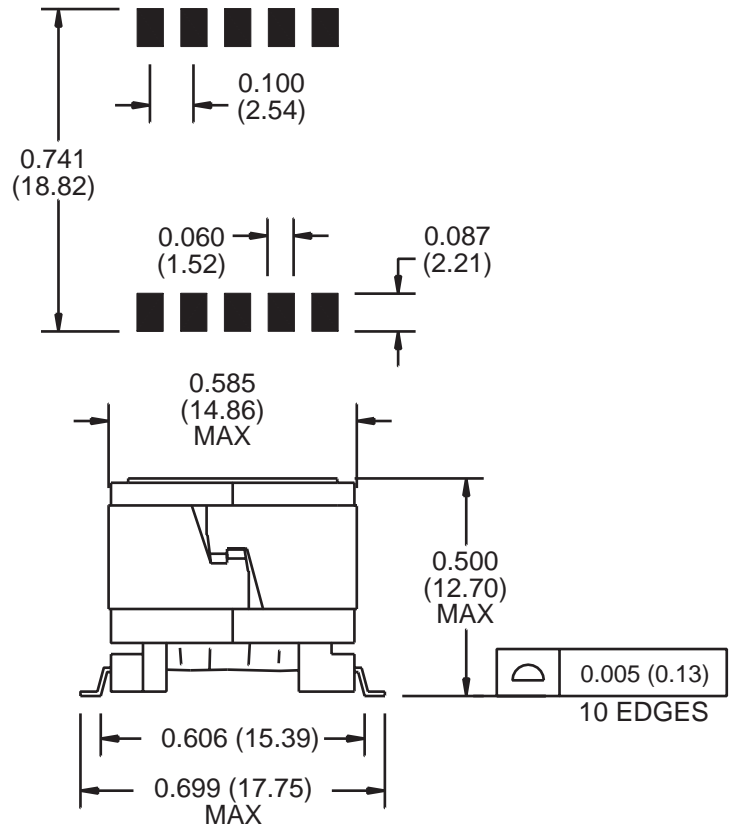


MECHANICAL

S560-6600-L1



SUGGESTED PCB PAD LAYOUT



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