

HDSL Magnetics

GlobeSpan MDSL - HDSL - CAP - ILD2

TM00312

- Designed to meet UL1950 and IEC950 safety requirements
- 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

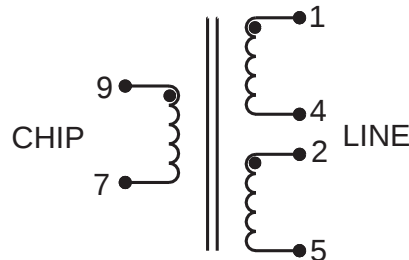
ELECTRICAL SPECIFICATIONS AT 25° C

Part Number	Turns Ratio ¹ ± 2%	Inductance ³ mH ± 5%	Leakage Inductance ⁴ μH max	DCR Ω max		Direct Capacitance ⁶ pF max	Dielectric Rating Vrms min
	(9-7) : (1-5) ²	(1-5) ²	(9-7) ⁵	(1-5)	(9-7)	between (1-5) ² & (9-7)	between (1-5) & (9-7) ²
S560-6600-V8	1 : 4	2	0.85	1.45	0.6	55	1500

- measured at 20 kHz, 1 Vrms
- connect terminals 2 to 4
- measured at 10 kHz, 0.1 Vrms
- measured at 100 kHz, 0.1 Vrms
- connect terminals 2 to 4, short terminals 1 & 5
- measured at 1 kHz, 1 Vrms

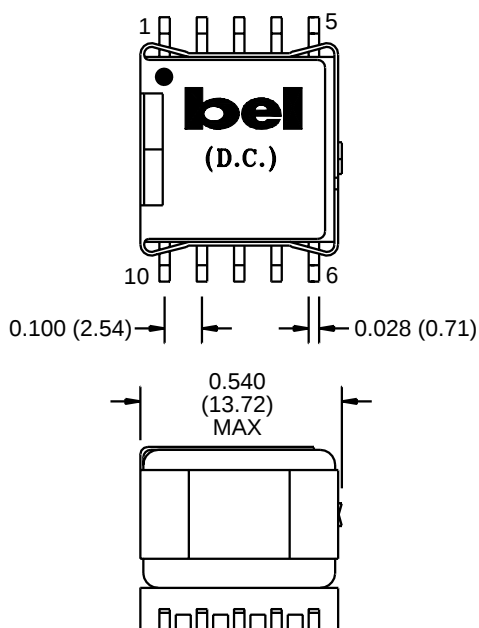
SCHEMATIC

S560-6600-V8

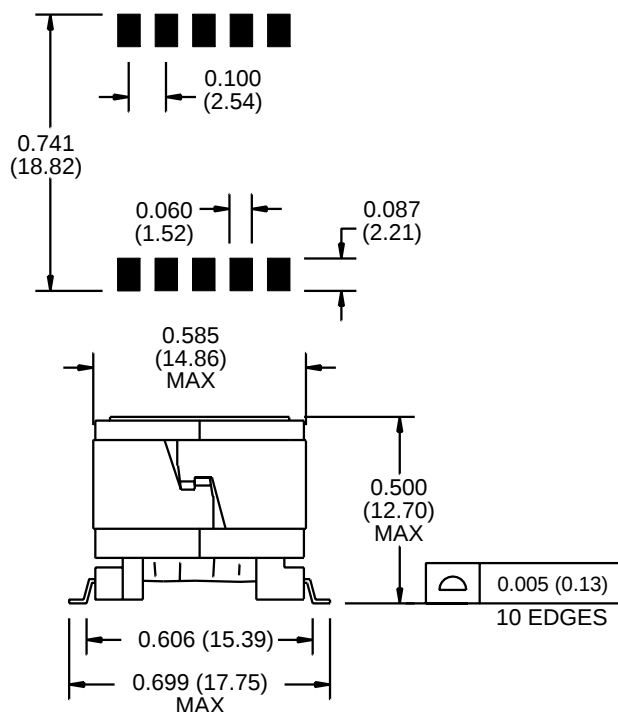


MECHANICAL

S560-6600-V8



SUGGESTED PCB PAD LAYOUT



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