

Octane & G24 SHDSL

Conexant



S560-6600-JF

- Designed to meet the requirements of UL1950 and EN60950 basic insulation with 250 VAC working voltage
- UL file number E150991, BABT certificate number NC0011825, CB certificate number 14210
- Minimum interwinding breakdown voltage of 1500 Vrms for 1 minute between line and IC
- Minimum interwinding breakdown voltage of 600 Vrms for 1 minute between pins 1 and 2
- Operating and storage temperature range: -40° 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
- All specifications must be met for any DC unbalance current up to 50mA max in the line side

ELECTRICAL SPECIFICATIONS AT 25° C

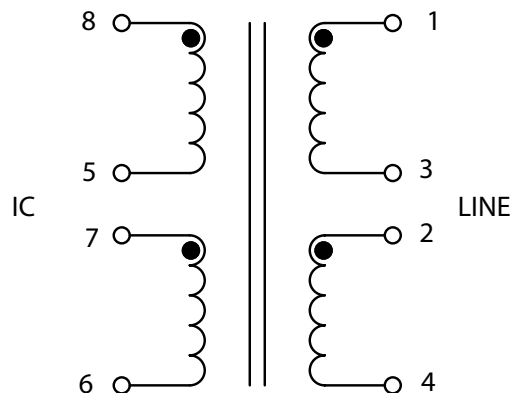
Part Number	Turns Ratio ±2%	Inductance ¹ μH ±7%	Leakage Inductance ² μH	DCR Ω max		Interwinding Capacitance ³ pF max	Longitudinal Balance ⁴ dB max	Harmonic Distortion ⁴ dB max
	Line : IC	(1 - 4)	(1 - 4)	IC Side	Line Side	Line : IC	20kHz - 500kHz	4Vrms 5kHz
S560-6600-JF	0.70 : 1	3.18	15	7.8	24	200	52	-85

All measurements are made with pin 2 connected to pin 3 and pin 5 connected to pin 7 except for breakdown voltage between pin 1 and 2.

1. Inductance measured at 10 kHz, 0.1 Vac
2. Leakage inductance measured at 100 kHz, 0.1 Vac
3. Interwinding capacitance measured at 10 kHz, 1.0 Vac
4. Measured with line impedance of 135 Ω and IC impedance of 275.5 Ω

SCHEMATIC

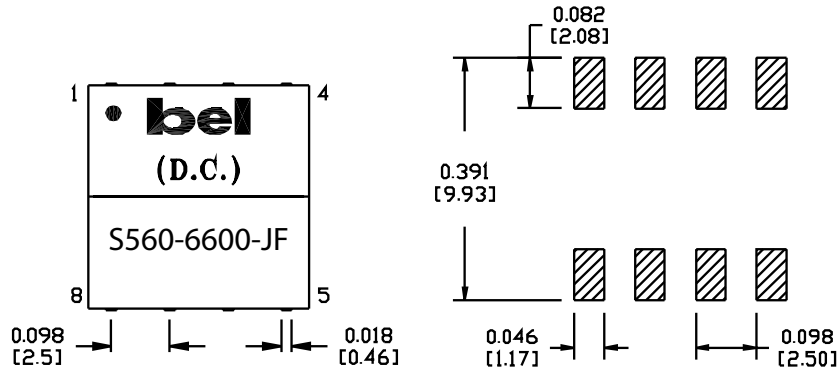
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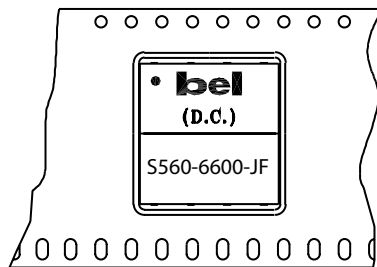
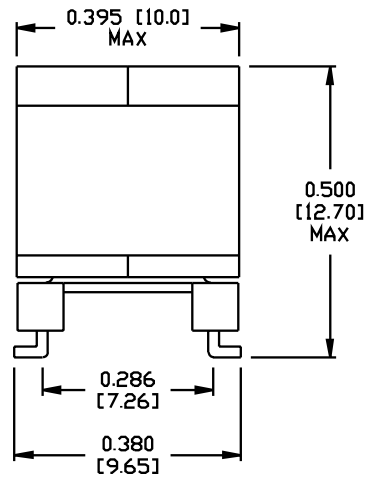
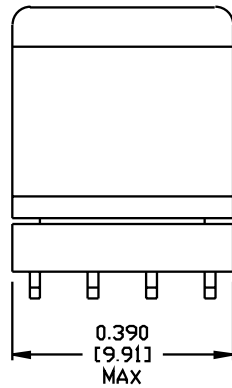
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MECHANICAL

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SUGGESTED PAD LAYOUT



➔ USER FEED DIRECTION

Tape and Reel Packaging

24 mm wide by 20 mm pitch; 13 inch OD, 4 inch ID
200 components per reel, maximum
Meets ANSI/EIA 481-2 Carrier Tape Standards

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CORPORATE

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