

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[S560-6600-JA-F](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Octane & G24 ADSL Annex A/C/H Conexant

S560-6600-JA

- Designed to meet the requirements of UL1950 and EN60950 basic insulation with 250 VAC working voltage
- UL file number E169987, BABT certificate number NC011559, CB certificate number 14210
- Minimum interwinding breakdown voltage of 1875 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 100mA max in the line side

ELECTRICAL SPECIFICATIONS AT 25° C

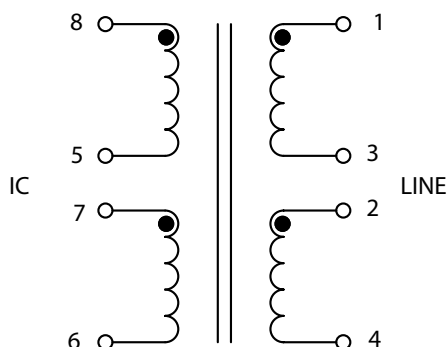
Part Number	Turns Ratio ±2%	Inductance ¹ μH ±6.7%	Leakage Inductance ² μH	DCR Ω max		Interwinding Capacitance ³ pF max	Longitudinal Balance ⁴ dB max	Harmonic Distortion ⁴ dB max
	Line : IC	(1 - 4)	(1 - 4)	IC Side	Line Side	Line : IC	20kHz - 2.2MHz	12Vpp 150kHz
S560-6600-JA	0.95 : 1	750	6 -10	1.5	1.5	20	-45	-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.

- Inductance measured at 10 kHz, 0.1 Vac
- Leakage inductance measured at 100 kHz, 0.1 Vac
- Interwinding capacitance measured at 10 kHz, 1.0 Vac
- Measured with line impedance of 100 Ω and IC impedance of 110.8 Ω

SCHEMATIC

S560-6600-JA



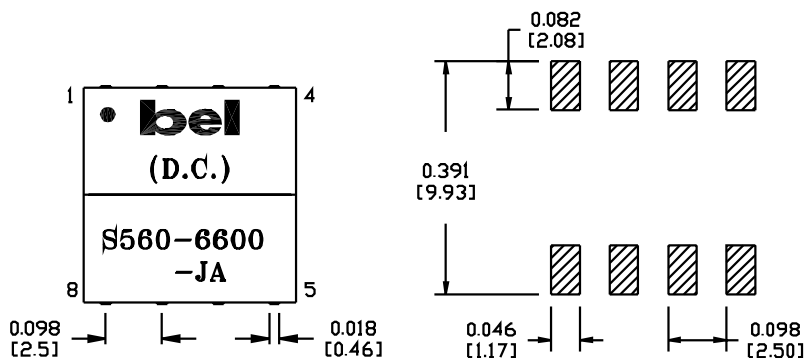
bel

Octane & G24 ADSL Annex A/C/H Conexant

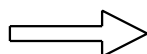
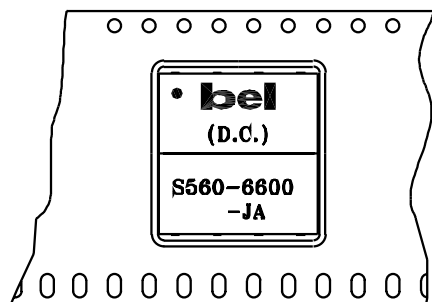
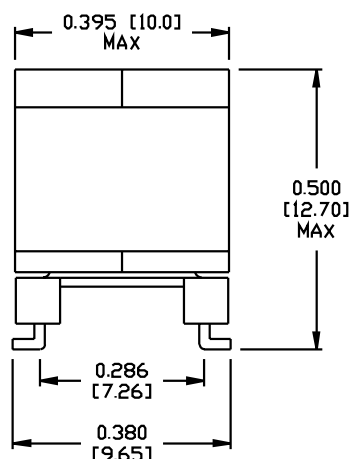
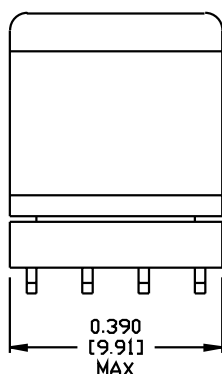
S560-6600-JA

MECHANICAL

S560-6600-JA



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

©2004 Bel Fuse Inc. Specifications subject to change without notice. 12.04

CORPORATE

Bel Fuse Inc.
 206 Van Vorst Street
 Jersey City, NJ 07302
 Tel 201-432-0463
 Fax 201-432-9542
 www.belfuse.com

FAR EAST

Bel Fuse Ltd.
 8F / 8 Luk Hop Street
 San Po Kong
 Kowloon, Hong Kong
 Tel 852-2328-5515
 Fax 852-2352-3706
 www.belfuse.com

EUROPE

Bel Fuse Europe Ltd.
 Preston Technology Management Centre
 Marsh Lane, Suite G7, Preston
 Lancashire, PR1 8UD, U.K.
 Tel 44-1772-556601
 Fax 44-1772-888366
 www.belfuse.com