

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

PRELIMINARY

ELECTRICAL CHARACTERISTICS (@25°C)

NOMINAL TURNS RATIO:  
 (8-6) : (1-4) 1 : 1.2  
 CONNECT TERMINALS 2 TO 3 & 5 TO 7

DC RESISTANCE:  
 (8-5) 1.60 Ω MAX  
 (7-6) 1.60 Ω MAX  
 (2-4) 1.55 Ω MAX  
 (1-3) 1.55 Ω MAX

INDUCTANCE @ 10 kHz, 0.1 Vrms:  
 (1-4) 2 mH ±10%  
 CONNECT TERMINALS 2 TO 3

LEAKAGE INDUCTANCE:  
 (1-4) 12 μH MAX  
 CONNECT TERMINALS 2 TO 3 & 5 TO 7  
 SHORT TERMINALS 5, 6, 7, & 8

DIRECT CAPACITANCE:  
 BETWEEN (1-4) & (8-6) 25 pF MAX  
 CONNECT TERMINALS 2 TO 3 & 5 TO 7

DISTRIBUTED CAPACITANCE  
 (8-6) 20 pF MAX  
 CONNECT TERMINAL 5 TO 7

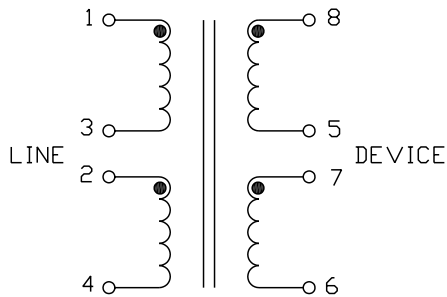
TOTAL HARMONIC DISTORTION -80 dB MAX  
 4 Vrms, 40kHz, 100 Ω LINE

MINIMUM DIELECTRIC RATING:  
 BETWEEN (1-4) & (8-6) 1500 Vrms  
 CONNECT TERMINALS 2 TO 3 & 5 TO 7

COMPLIES WITH UL1950

OPERATING TEMPERATURE RANGE: -40°C TO +85°C

SCHEMATIC

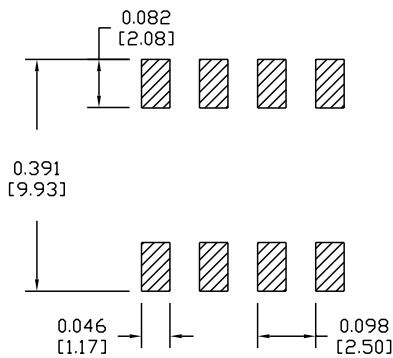
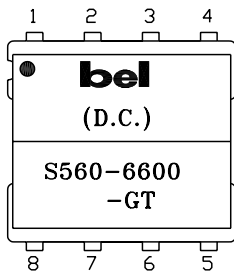


DRWN J. BERRY	DATE 10-28-02	TITLE ELECTRICAL SPECIFICATIONS	PART NO. / DRAWING NO. S560-6600-GT	STANDARD DIMENSION TOLERANCE IN INCH	[ ] METRIC DIM. AS REFERENCE	REV. : PA1	
CHKD J. BERRY	DATE 10-28-02		FILE NAME S5606600GTPA1.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A	SIZE : A4 PAGE : 2	

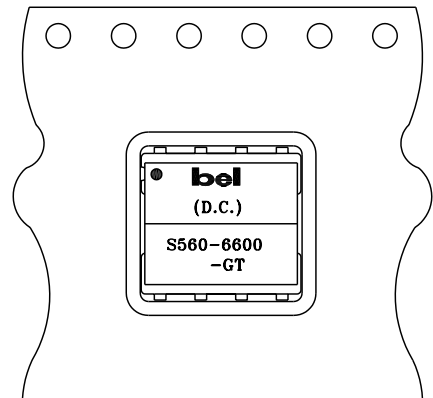
bel  
BEL FUSE

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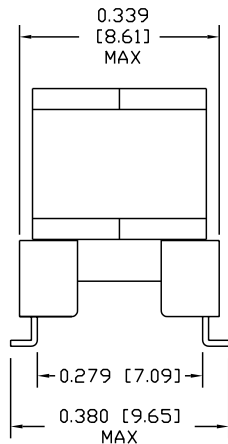
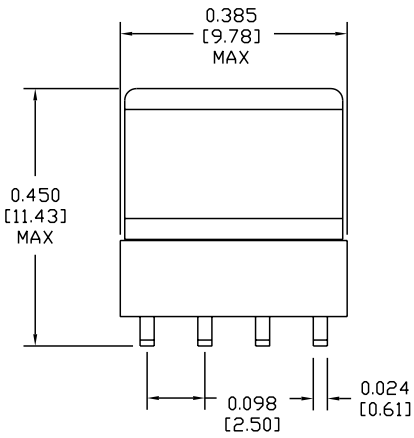
PRELIMINARY



SUGGESTED PAD LAYOUT



→ USER FEED DIRECTION  
ORIENTATION OF COMPONENT INSIDE POCKET



TAPE WIDTH	24MM
POCKET PITCH	16MM
QUANTITY OF COMPONENTS PER REEL	300
PLASTIC REEL OUTER DIAMETER	13 INCHES
PLASTIC REEL HUB DIAMETER	4 INCHES
COMPLY WITH EIA 481-2-A	

<b>DRWN</b> J. BERRY	<b>DATE</b> 10-28-02
<b>CHKD</b> J. BERRY	<b>DATE</b> 10-28-02

<b>TITLE</b> MECHANICAL SPECIFICATIONS
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<b>PART NO. / DRAWING NO.</b> S560-6600-GT
<b>FILE NAME</b> S5606600GTPA1.DWG

STANDARD DIMENSION TOLERANCE IN INCH	[ ] METRIC DIM. AS REFERENCE	
	UNIT : INCH [mm]	REV. : PA1
.X ±0.1	SCALE : N/A	SIZE : A4
.XX ±0.03		
.XXX ±0.005		

