

# ADSL MAGNETICS

S560-6600-HH

## ELECTRICAL CHARACTERISTICS (@25°C)

### NOMINAL TURNS RATIO:

(8-5) : (1-4) 1 : 2

CONNECT TERMINALS 2 TO 3 & 6 TO 7

### DC RESISTANCE:

(1-3) 0.40 Ω MAX

(2-4) 0.40 Ω MAX

(7-5) 0.40 Ω MAX

(8-6) 0.40 Ω MAX

### INDUCTANCE @ 100 kHz, 0.1 V<sub>rms</sub>:

(1-4) 92.5 μH ±5%

CONNECT TERMINALS 2 TO 3

### MAXIMUM LEAKAGE INDUCTANCE:

(1-4) 4 μH

CONNECT TERMINALS 2 TO 3 & 6 TO 7

SHORT TERMINALS 5, 6, 7 & 8

### DIRECT CAPACITANCE:

BETWEEN (1-4) & (8-5) 30 pF MAX

CONNECT TERMINALS 2 TO 3 & 6 TO 7

### TOTAL HARMONIC DISTORTION

15 V<sub>pp</sub>, 100kHz, 100Ω LINE -90 dB MAX

### MINIMUM DIELECTRIC RATING:

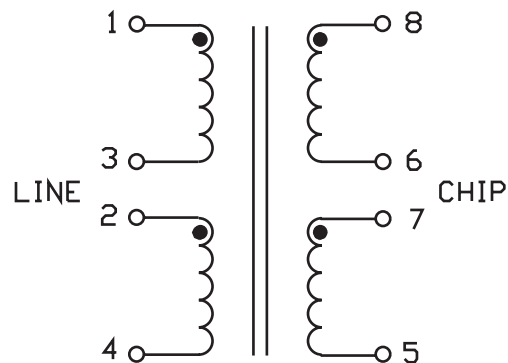
BETWEEN (1-4) & (8-5) 1500 V<sub>rms</sub>

CONNECT TERMINALS 2 TO 3 & 6 TO 7

COMPLIES WITH UL1950, EN60950

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

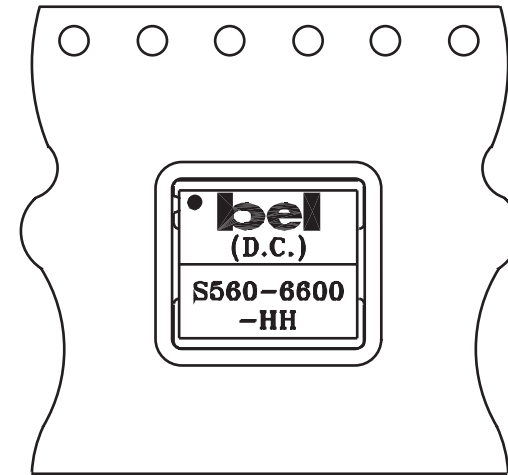
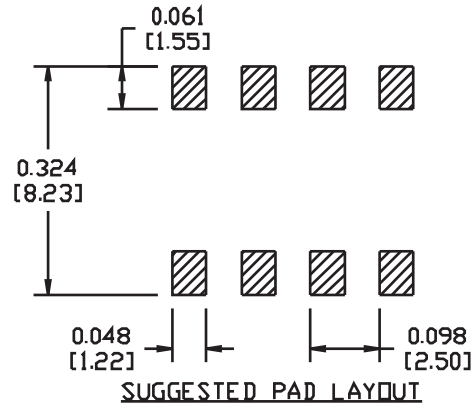
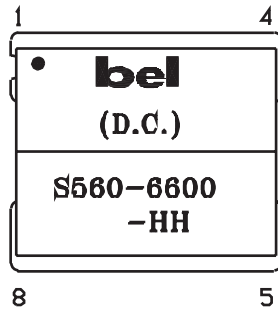
## SCHEMATIC





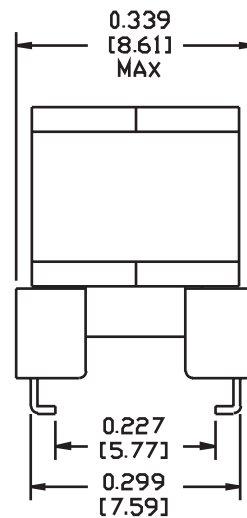
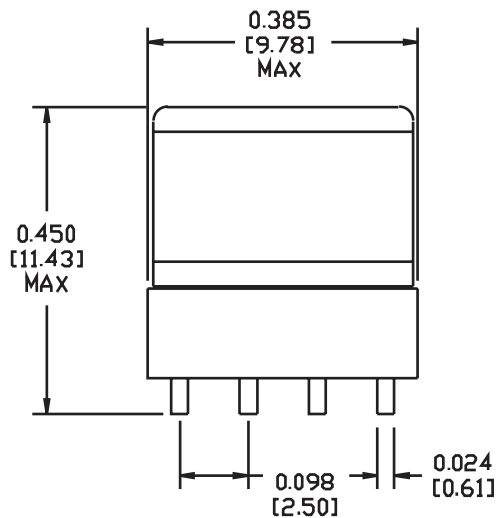
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➔ USER FEED DIRECTION

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	