

# VDSL MAGNETICS

S560-6600-KJ

## ELECTRICAL CHARACTERISTICS (@25°C)

### NOMINAL TURNS RATIO:

(1-4) : (8-5)

4 : 3

CONNECT TERMINALS 2 TO 3 & 6 TO 7

### DC RESISTANCE:

(1-4)

1.50  $\Omega$  MAX

(8-5)

1.25  $\Omega$  MAX

CONNECT TERMINALS 2 TO 3 & 6 TO 7

### INDUCTANCE @ 10 kHz, 0.1 V<sub>rms</sub>:

(1-4)

800  $\mu$ H  $\pm$  10%

CONNECT TERMINALS 2 TO 3

### LEAKAGE INDUCTANCE:

(1-4)

0.64 $\mu$ H MIN - 0.96 $\mu$ H MAX

CONNECT TERMINALS 2 TO 3

SHORT TERMINALS 5, 6, 7, & 8

### TOTAL HARMONIC DISTORTION

-80 dB MAX

14.5 dBm, 138kHz - 12MHz, 100 $\Omega$  LINE AND 56.3 $\Omega$  LOAD.

### MINIMUM DIELECTRIC RATING:

BETWEEN (1-4) & (8-5)

1500 V<sub>rms</sub>

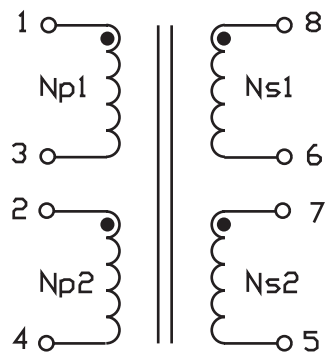
CONNECT TERMINALS 2 TO 3 & 6 TO 7

DESIGNED TO COMPLY WITH EN60950 WITH SUPPLEMENT INSULATION AND 250 VOLT WORKING VOLTAGE.

### OPERATING TEMPERATURE RANGE:

-40°C TO +85°C

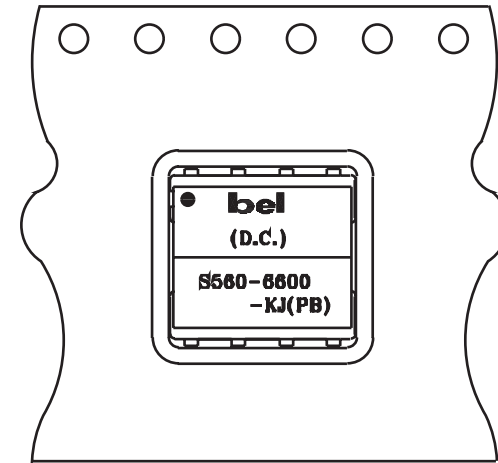
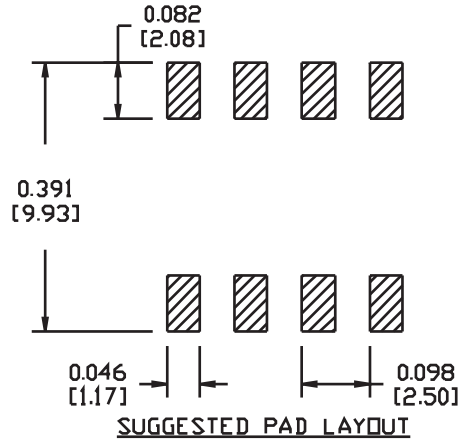
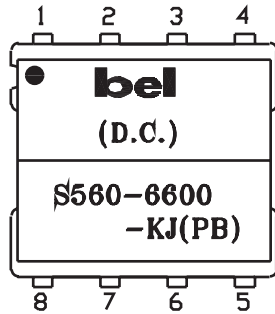
## SCHEMATIC



4 : 3

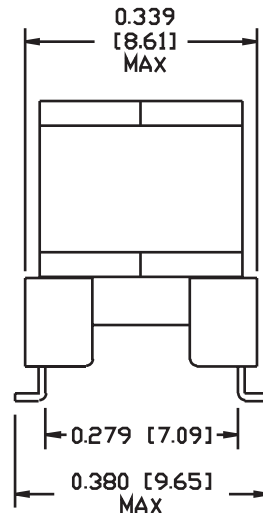
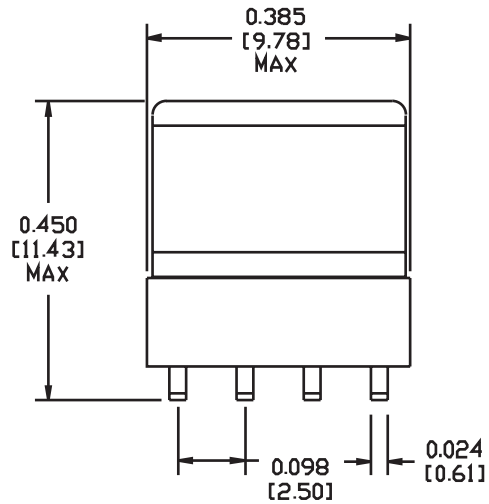
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➔ USER FEED DIRECTION

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	