

VDSL MAGNETICS

S560-6600-KK

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)

1.6 Ω MAX

(8-5)

0.8 Ω MAX

CONNECT TERMINALS 2 TO 3 & 6 TO 7

INDUCTANCE @ 10 kHz, 0.1 V_{rms}:

(1-4)

2 nH MIN

CONNECT TERMINALS 2 TO 3

LEAKAGE INDUCTANCE:

(1-4)

0.65μH MIN - 1.25μH MAX

CONNECT TERMINALS 2 TO 3

SHORT TERMINALS 5, 6, 7, & 8

TOTAL HARMONIC DISTORTION

-80 dB MAX

14.5 dBm, 138kHz - 12MHz, 100Ω LINE AND 56.3Ω LOAD.

MINIMUM DIELECTRIC RATING:

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

1500 V_{rms}, 1 MINUTE

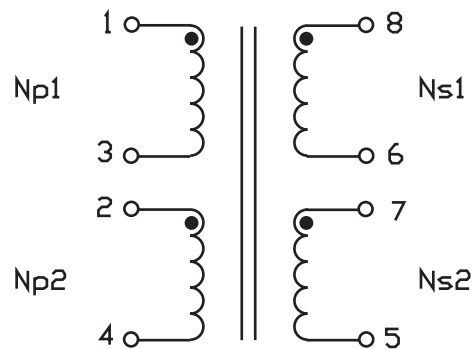
CONNECT TERMINALS 2 TO 3 & 6 TO 7

DESIGNED TO COMPLY WITH EN60950 WITH FUNCTIONAL INSULATION

OPERATING TEMPERATURE RANGE:

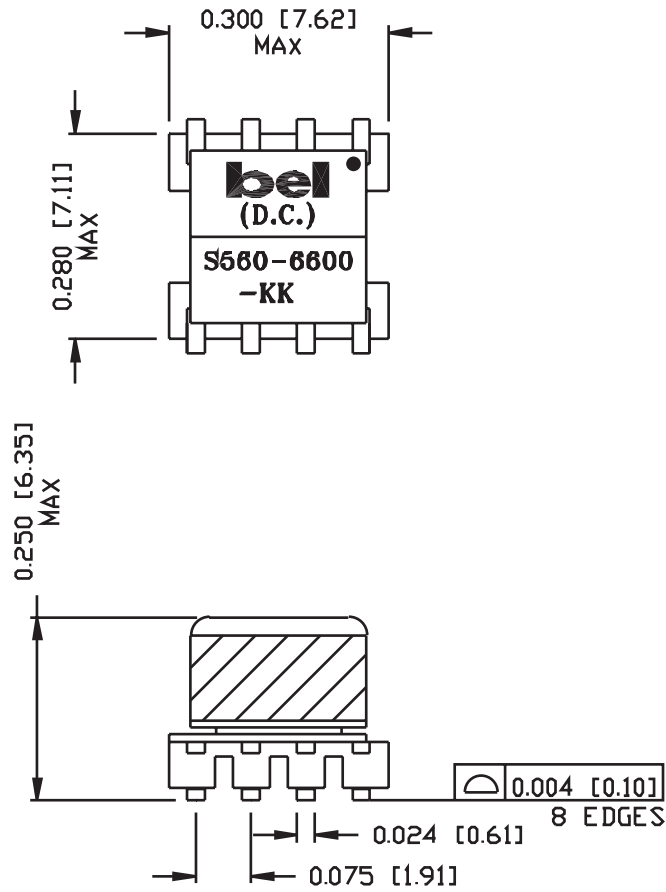
-40°C TO +85°C

SCHEMATIC

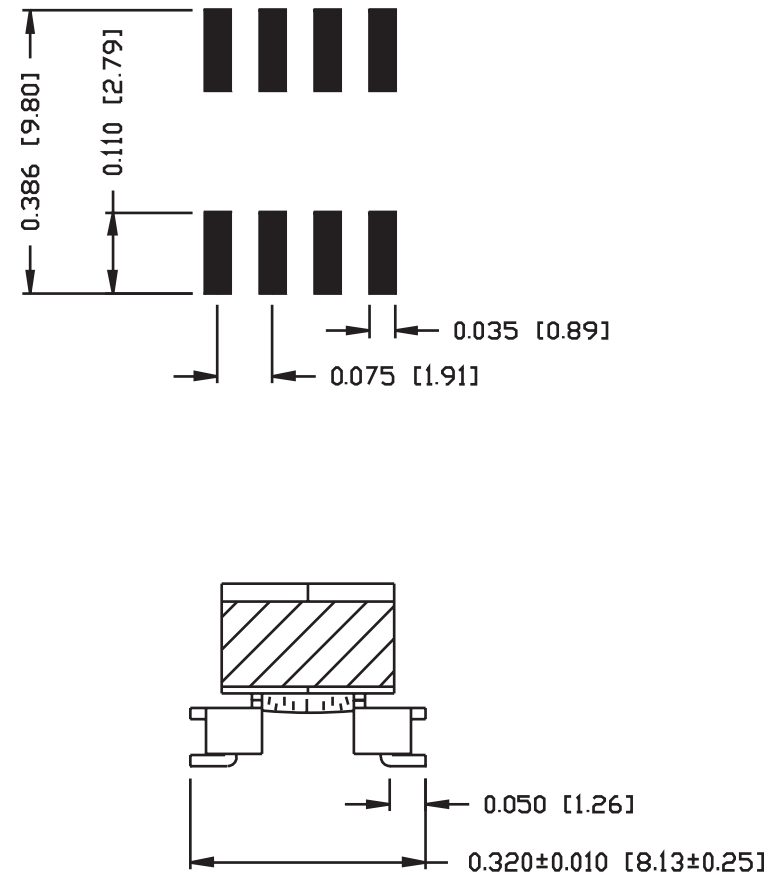


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SUGGESTED PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.