

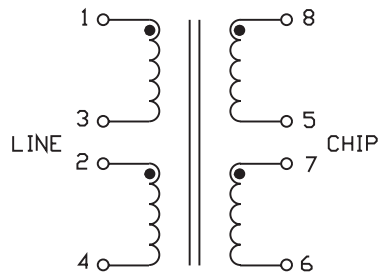
ADSL MAGNETICS

S560-6600-ET

ELECTRICAL CHARACTERISTICS (@25°C)

NOMINAL TURNS RATIO: (8-6) : (1-4) CONNECT TERMINALS 2 TO 3 & 5 TO 7	1 : 2
DC RESISTANCE: (1-3) (2-4) (7-6) (8-5)	0.5 Ω MAX 0.5 Ω MAX 0.38 Ω MAX 0.22 Ω MAX
INDUCTANCE @ 10 kHz, 0.1 V _{rms} : (1-4) CONNECT TERMINALS 2 TO 3	410 μ H \pm 5%
MAXIMUM LEAKAGE INDUCTANCE: (1-4) CONNECT TERMINALS 2 TO 3 & 5 TO 7 SHORT TERMINALS 5, 6, 7 & 8	5 μ H
DIRECT CAPACITANCE: BETWEEN (1-4) & (8-6) CONNECT TERMINALS 2 TO 3 & 5 TO 7	50 pF MAX
MINIMUM DIELECTRIC RATING: BETWEEN (1-4) & (8-6) CONNECT TERMINALS 2 TO 3 & 5 TO 7	2000 V _{rms}

SCHEMATIC



PERFORMANCE SPECIFICATIONS

LONGITUDINAL BALANCE:
50dB MIN, 20 kHz - 1.1 MHz

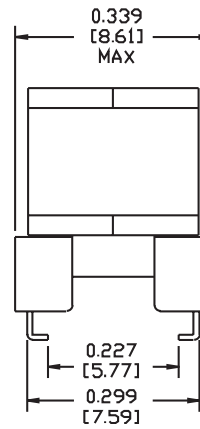
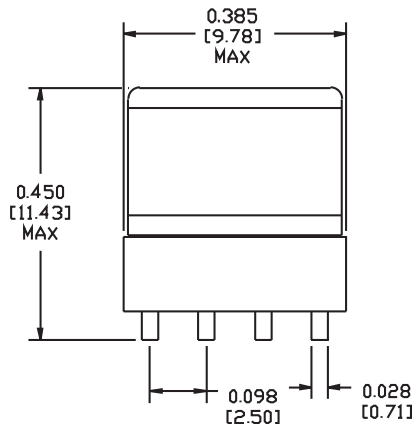
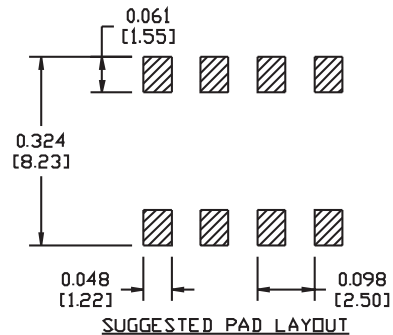
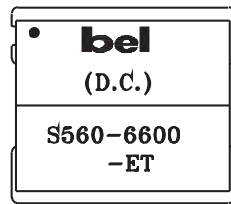
TOTAL HARMONIC DISTORTION:
+5 dBm @ 5 kHz ACROSS 100 Ω LOAD ON LINE SIDE
ALL HARMONICS SHOULD BE 61 dB BELOW THE
FUNDAMENTAL

COMPLIES WITH UL1950
OPERATING TEMPERATURE RANGE: -40°C TO +85°C
DESIGNED TO COMPLY WITH UL1950, EN60950, BABT, CSA950, AND AS/N253260
SUPPLEMENTARY INSULATION FOR A PRIMARY CIRCUIT AT
250 V_{rms} WORKING VOLTAGE
DESIGNED TO COMPLY WITH GR-1089-CORE SECOND LEVEL LIGHTNING SURGE



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S560-6600-ET



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