

ADSL MAGNETICS

S560-6600-JZ

ELECTRICAL PARAMETERS (@25°C)

NOMINAL TURNS RATIO:
(1-4) : (10-7) 2 : 1

DC RESISTANCE:
(1-4) 0.520 Ω +/- 15%
(10-7) 0.220 Ω +/- 15%

INDUCTANCE @ 10 kHz, 0.1 Vrms:
(1-4) 400 μ H $\pm$ 5%

LEAKAGE INDUCTANCE:
(1-4) 6.5 μ H MAX

SHORT TERMINALS 7 & 10

DIELECTRIC RATING:
BETWEEN (1-4) & (10-7) 1500 Vrms, 50Hz/60Hz

DESIGNED TO COMPLY WITH THE REQUIREMENTS OF UL1950 AND EN60950

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

PERFORMANCE SPECIFICATIONS
(100ohm load (line))

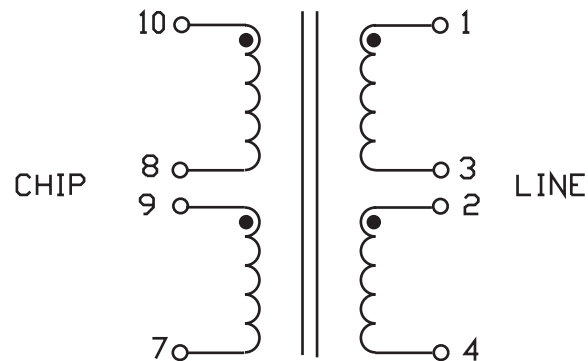
INSERTION LOSS:
300kHz 0.5dB MAX

FREQUENCY RESPONSE:
100kHz - 1.1MHz $\pm$ 0.5dB

LONGITUDINAL BALANCE:
1MHz 60dB MIN

TOTAL HARMONIC DISTORTION:
Vo = 15Vpp
100 kHz -80dB MAX

SCHEMATIC

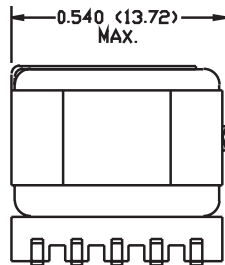
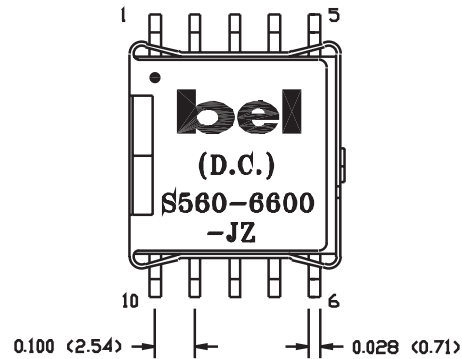


NOTE: ALL MEASUREMENTS MADE WITH TERMINAL 2
CONNECTED TO TERMINAL 3, AND TERMINAL 8
CONNECTED TO TERMINAL 9

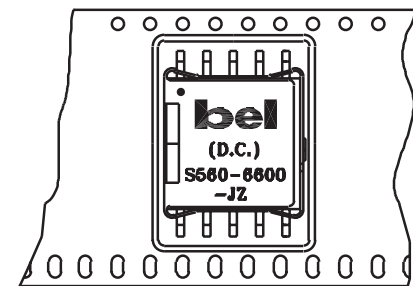
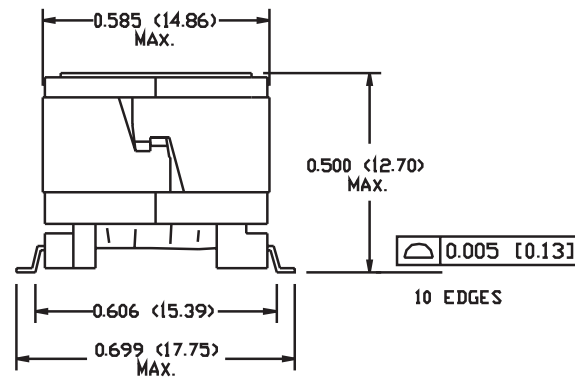
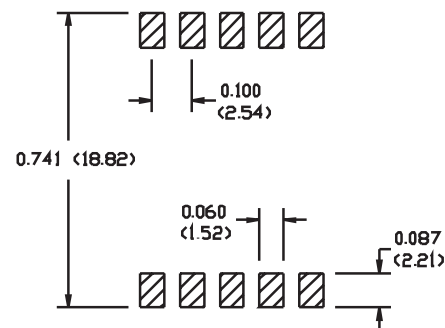


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SUGGESTED PAD LAYOUT



USER FEED DIRECTION

ORIENTATION OF COMPONENT INSIDE POCKET

TAPE WIDTH	32MM
POCKET PITCH	24MM
QUANTITY OF COMPONENTS PER REEL	200
PLASTIC REEL OUTER DIAMETER	13 INCHES
PLASTIC REEL HUB DIAMETER	4 INCHES