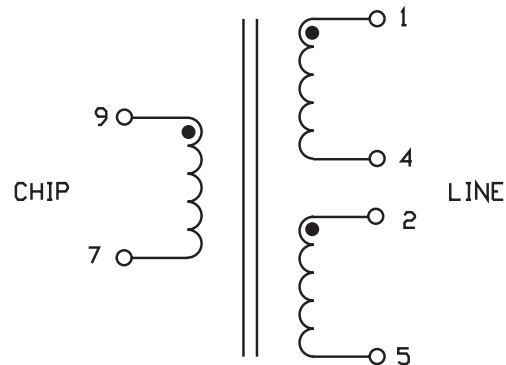


SHDSL MAGNETICS

S560-6600-KT

ELECTRICAL CHARACTERISTICS (@25°C)

SCHEMATIC



NOMINAL TURNS RATIO:

(9-7) : (1-5) 1 : 5.4

CONNECT 2 TO 4

DC RESISTANCE:

(1-4) 1.8 Ω MAX

(2-5) 1.8 Ω MAX

(9-7) 0.35 Ω MAX

INDUCTANCE @ 10 kHz, 0.1 Vrms:

(1-5) @ 0 mA DC and 100 mA DC 3 mH ±6%

CONNECT 2 TO 4

LEAKAGE INDUCTANCE:

(1-5) 15 μH MAX

CONNECT 2 TO 4

SHORT 7 & 9

MINIMUM DIELECTRIC RATING:

BETWEEN (1-5) & (9-7) 1500 Vrms

CONNECT 2 TO 4

BETWEEN (1-4) & (2-5) FOR 1 MINUTE 600 Vrms

THIRD HARMONIC DISTORTION:

-78 dB MAX (DIFFERENCE IN dB BETWEEN THIRD HARMONIC

AT 15kHz AND FUNDAMENTAL 5kHz)

APPROXIMATE 2 Vrms @ 5kHz ACROSS LINE (1-5)

WITH R_s = 135 Ω AND R_{LOAD} = 4.6 Ω AT CHIP SIDE (9-7)

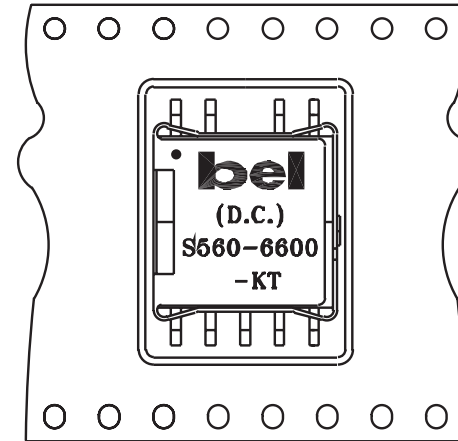
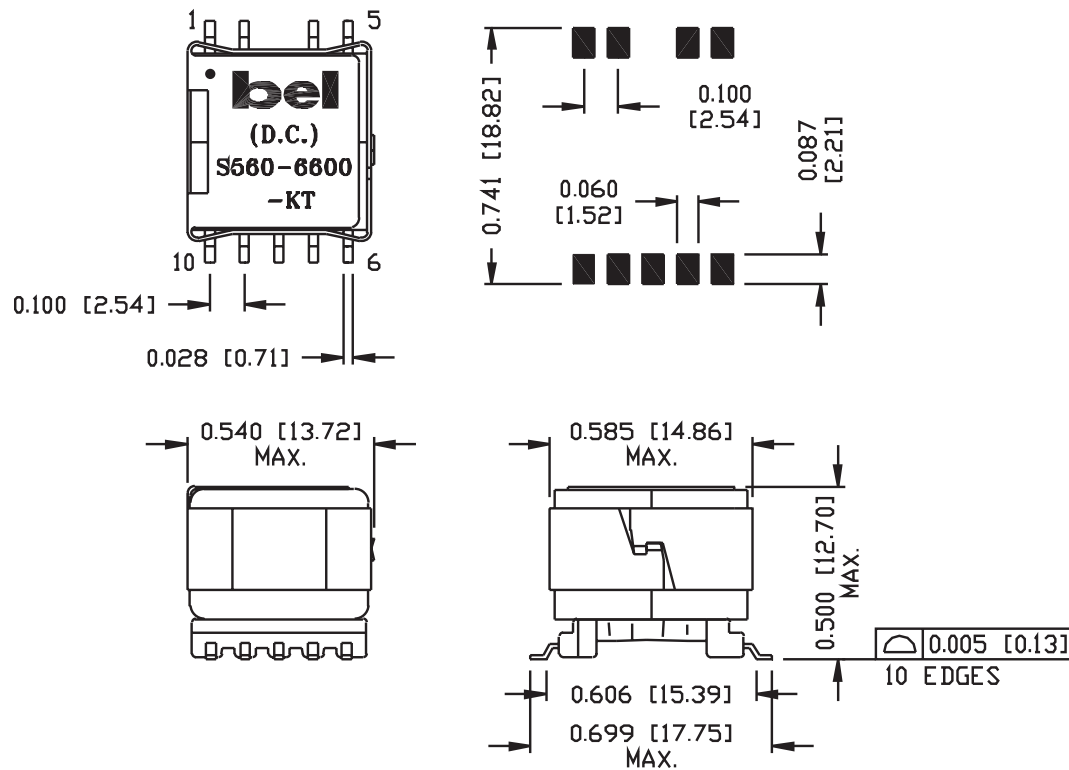
DESIGNED TO COMPLY WITH THE REQUIREMENTS OF UL1950 AND EN60950

DESIGNED TO COMPLY WITH LIGHTNING SURGE AND AC POWER FAULT REQUIREMENTS OF GR1089

INSERTION LOSS	0.7 dB MAX @ 100kHz
FREQUENCY RESPONSE	±0.3dB MAX 40kHz-300 kHz, 100kHz REFERENCE
LONGITUDINAL BALANCE:	-55 dB MAX 20kHz TO 300kHz PER ITU METHOD (L->M)
OPERATING TEMPERATURE RANGE:	-40°C TO +85°C

SHDSL MAGNETICS

S560-6600-KT



➔ 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
COMPLY WITH EIA 481-2-A	

NOTES:

- STANDARD MARKING REFER TO DOC. HAND-WORK-04.
- PACKAGE CODE: "WCS003".