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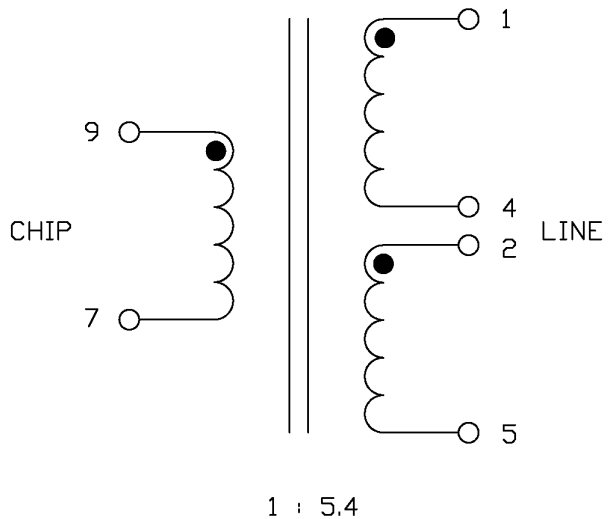
SCHEMATIC



1 : 5.4

ELECTRICAL CHARACTERISTICS (@25°C)

RoHS 2002/95/EC

NOMINAL TURNS RATIO:	
(9-7) : (1-5)	1 : 5.4
CONNECT TERMINALS 2 TO 4	
DC RESISTANCE:	
(1-4)	1.48Ω MAX.
(2-5)	1.48Ω MAX.
(9-7)	0.35Ω MAX.
INDUCTANCE @ 10 kHz, 0.1 Vrms:	
(1-5)	3 mH ±5%
CONNECT TERMINALS 2 TO 4	
LEAKAGE INDUCTANCE:	
(1-5)	15 μH MAX.
CONNECT TERMINALS 2 TO 4	
SHORT TERMINALS 7 & 9	
MINIMUM DIELECTRIC RATING:	
BETWEEN (1-5) & (9-7)	1500 Vrms
CONNECT TERMINALS 2 TO 4	
BETWEEN (1-4) & (2-5)	600 Vrms

THIRD HARMONIC DISTORTION:

AT 15kHz AND FUNDAMENTAL 5kHz)
APPROXIMATE 2 Vrms @ 5kHz ACROSS LINE (1-5)
WITH Rs = 135Ω AND RLOAD = 4.6Ω AT CHIP SIDE (9-7)

OPERATING TEMPERATURE RANGE:	-40°C TO +85°C
DESIGNED TO COMPLY WITH THE REQUIREMENTS OF UL1950 AND EN60950	
SAFETY AGENCY	
UL FILE	E150991
BABT FILE	NC/011272

INSERTION LOSS	0.7 dB MAX. @ 100kHZ
FREQUENCY RESPONSE	±0.3dB MAX. 40kHz-300kHz, 100kHz REFERENCE
LONGITUDINAL BALANCE:	-50 dB MAX. 20kHz TO 300kHz PER ITU METHOD (L->M)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE	
KOT	11-29-05	ELECTRICAL SPECIFICATION	S5606600N7-F	.X	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
XJ WAGN	11-29-05		S5606600N7FB.DWG	.XXX		PAGE : 2

bel COMPONENTS FOR A CONNECTED PLANET

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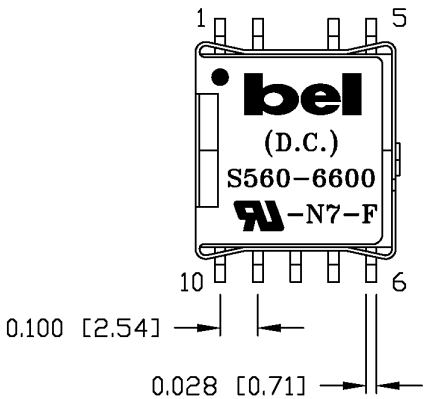
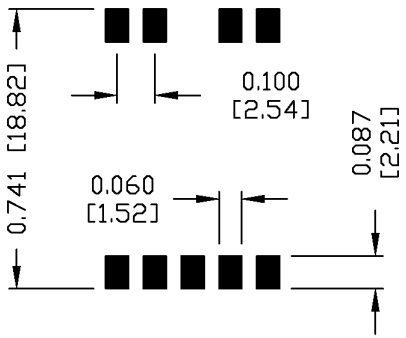
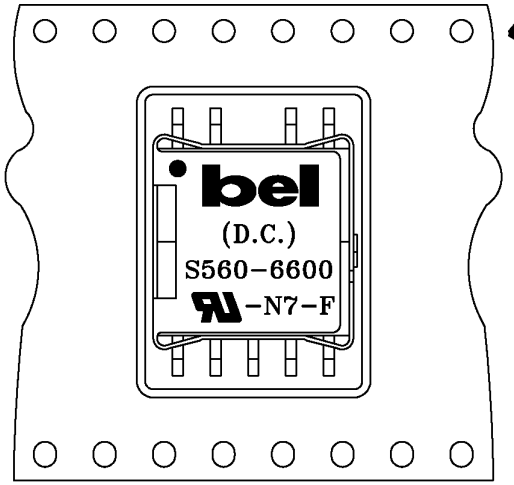


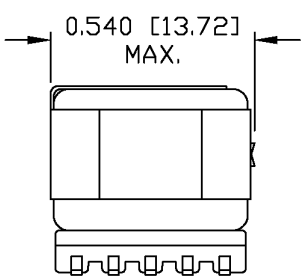
SUGGESTED PAD LAYOUT

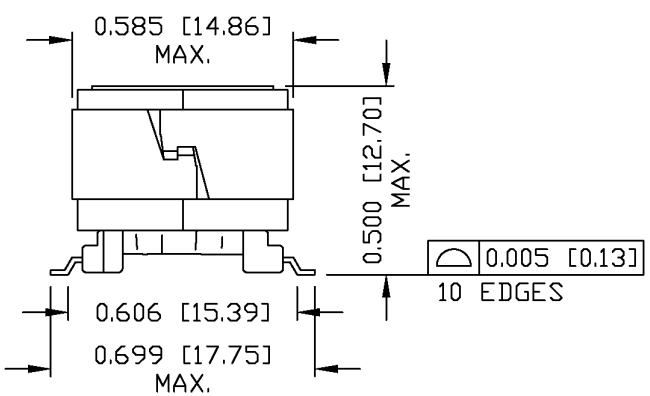




USER FEED DIRECTION

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
COMPLY WITH EIA 481-2-A	

NOTES:

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

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE	
MAN CHAN	11-29-05	MECHANICAL DRAWING	S5606600N7-F	.X		UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.XX	±0.01	SCALE : N/A	SIZE : A4
MAN CHAN	11-29-05		S5606600N7FB.DWG	.XXX	±0.005		PAGE : 3

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