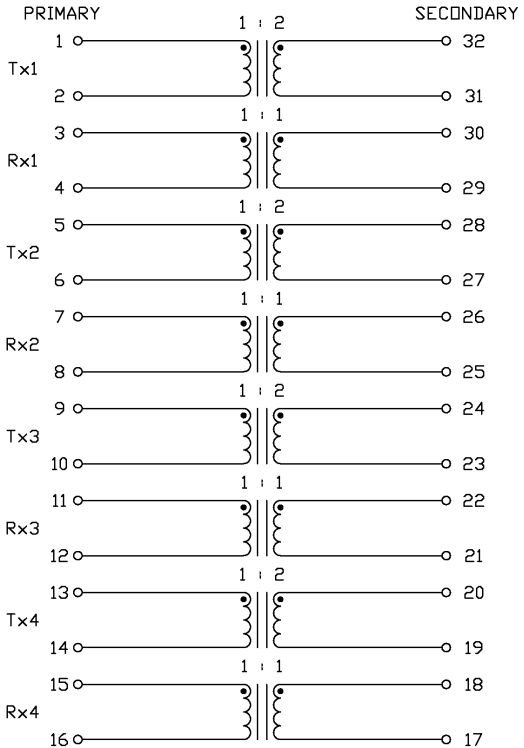
RoHS 2002/95/EC

SCHEMATIC



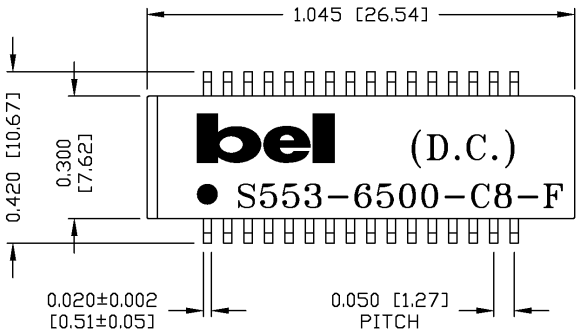
ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	
Tx PRIMARY : SECONDARY	1 : 2
Rx PRIMARY : SECONDARY	1 : 1
INDUCTANCE	
Tx PRIMARY	1.5 mH MIN. @10kHz, 10mV
AT -40°C	640 μH MIN.
Rx PRIMARY	1.8 mH MIN. @10kHz, 10mV
AT -40°C	850 μH MIN.
LEAKAGE INDUCTANCE Le	
Tx PRIMARY (SECONDARY SIDE SHORTED)	0.30 μH MAX. @1MHz, 20mV
Rx PRIMARY (SECONDARY SIDE SHORTED)	0.50 μH MAX. @1MHz, 20mV
INTERWINDING CAPACITANCE Cw/w	
Tx PRIMARY - SECONDARY	35pF MAX. @1MHz, 20mV
Rx PRIMARY - SECONDARY	35pF MAX. @1MHz, 20mV
DC RESISTANCE	
Tx PRIMARY	0.60 Ω MAX.
Tx SECONDARY	1.20 Ω MAX.
Rx PRIMARY & SECONDARY	0.60 Ω MAX.
HIPOT	PER HAND-WORK-03

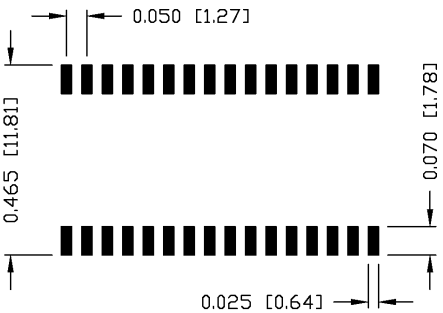
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE
HO	04-19-06	4-CHANNEL T1/E1 LIU MAGNETICS MODULE S553-6500-C8-F	X5536500C8-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
DQ Chen	04-19-06		X5536500C8FA.DWG	.XXX	PAGE : 2

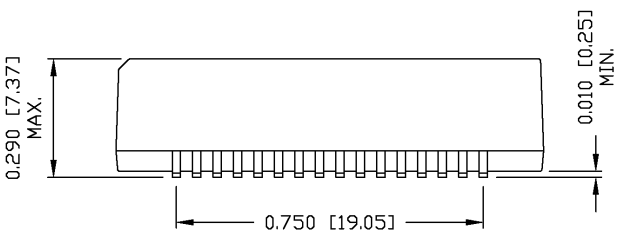
bel COMPONENTS FOR A CONNECTED PLANET

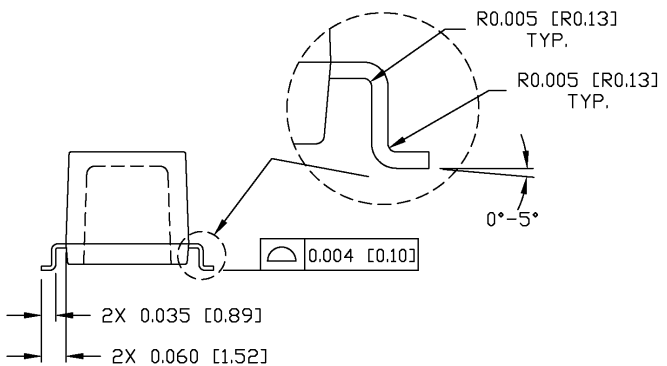
RoHS 2002/95/EC



SUGGESTED PCB PAD LAYOUT







NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "RDS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE	
HO	04-19-06	MECHANICAL DRAWING S553-6500-C8-F	X5536500C8-F	.X		UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.XX	±0.01	SCALE : N/A	SIZE : A4
DQ Chen	04-19-06		X5536500C8FA.DWG	.XXX	±0.005		PAGE : 3

bel COMPONENTS FOR A CONNECTED PLANET