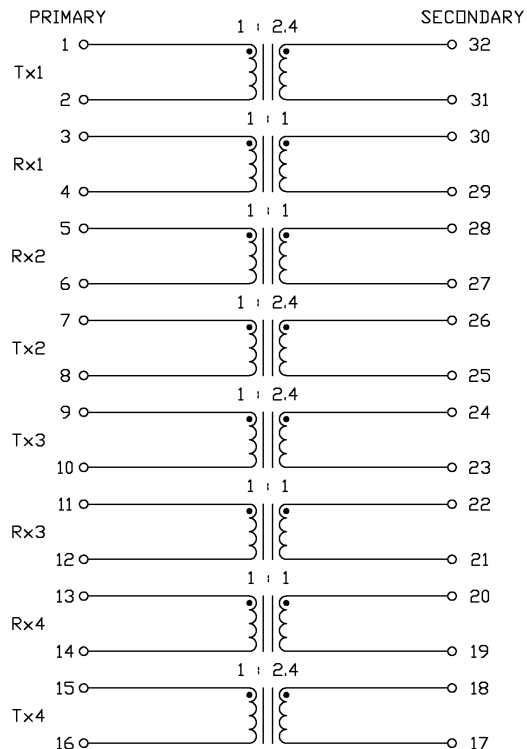


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SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

Tx PRIMARY : SECONDARY 1 : 2.4
Rx PRIMARY : SECONDARY 1 : 1

INDUCTANCE

Tx PRIMARY 1.0 mH MIN. @10kHz, 10mV
AT -40°C 440 μ H MIN.
Rx PRIMARY 1.8 mH MIN. @10kHz, 10mV
AT -40°C 850 μ H MIN.

LEAKAGE INDUCTANCE (Le)

Tx PRIMARY (WITH SECONDARY SHORTED) 0.30 μ H MAX. @1MHz, 20mV
Rx PRIMARY (WITH SECONDARY SHORTED) 0.50 μ H 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 1.40 Ω MAX.
Rx PRIMARY & SECONDARY 0.70 Ω MAX.

HIPOT

PER HAND-WORK-03

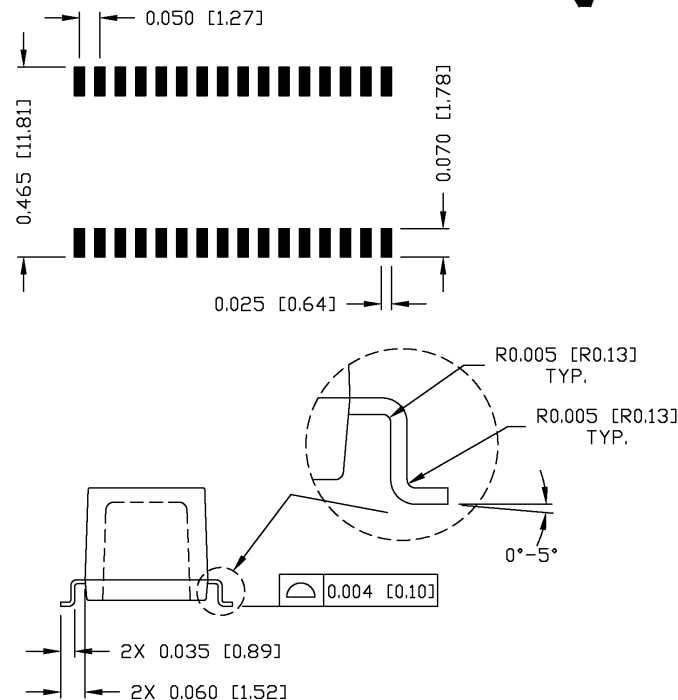
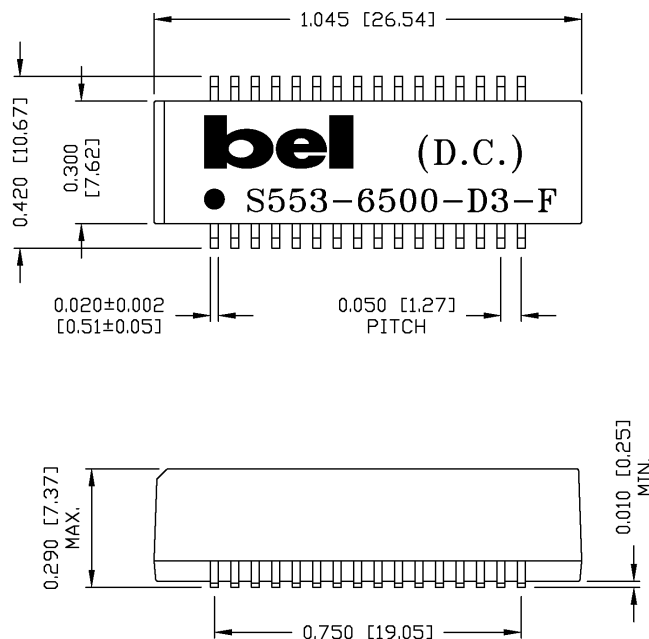
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET
HD	01-25-06	4-CHANNEL T1/E1 LIU MAGNETICS MODULE S553-6500-D3-F	X5536500D3-F	TOL. IN INCH	UNIT : INCH [mm] REV. : A	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A SIZE : A4	
DQ Chen	01-25-06		X5536500D3FA.DWG	.XX .XXX	PAGE : 2	

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RoHS
2002/95/EC



SUGGESTED PCB PAD LAYOUT



NOTES:

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

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
HD	01-25-06	MECHANICAL DRAWING S553-6500-D3-F	X5536500D3-F	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.XX ±0.01	SCALE : N/A	SIZE : A4
DQ Chen	01-25-06		X5536500D3FA.DWG	.XXX ±0.005		PAGE : 3

