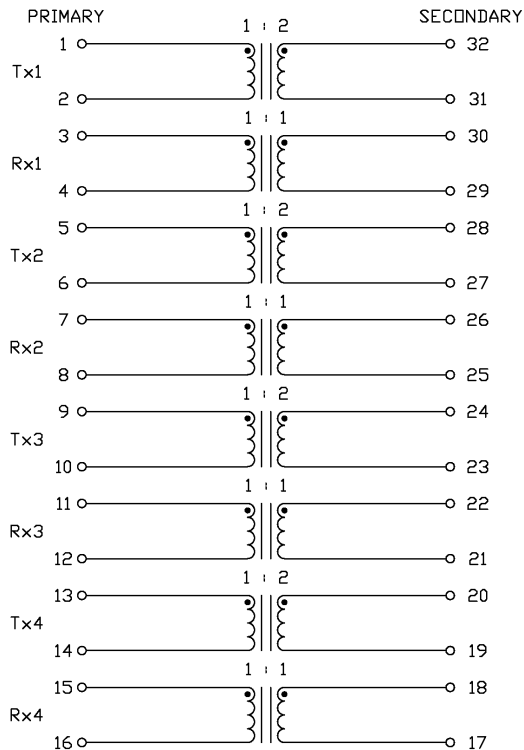


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SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

URNS 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 L_e

Tx PRIMARY (SECONDARY SIDE SHORTED) 0.30 μH MAX. @1MHz, 20mV
 Rx PRIMARY (SECONDARY SIDE SHORTED) 0.50 μH MAX. @1MHz, 20mV

INTERWINDING CAPACITANCE C_w/w

Tx PRIMARY - SECONDARY 35pF MAX. @1MHz, 20mV
 Rx PRIMARY - SECONDARY 35pF MAX. @1MHz, 20mV

DC RESISTANCE

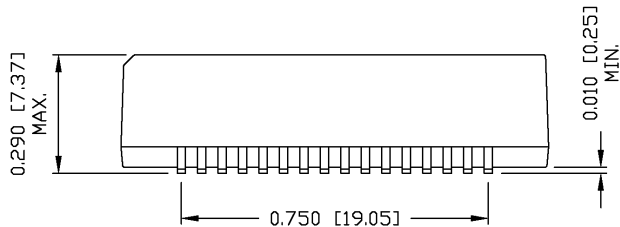
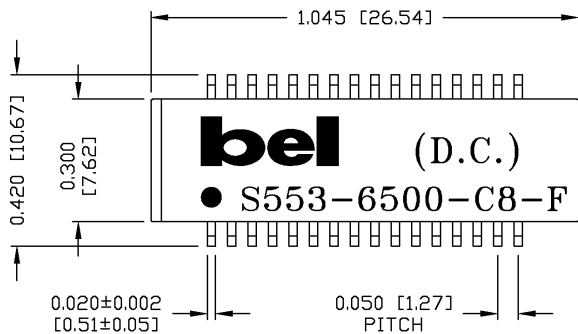
Tx PRIMARY 0.60 Ω MAX.
 Tx SECONDARY 1.20 Ω MAX.
 Rx PRIMARY & SECONDARY 0.60 Ω MAX.

HIPOT

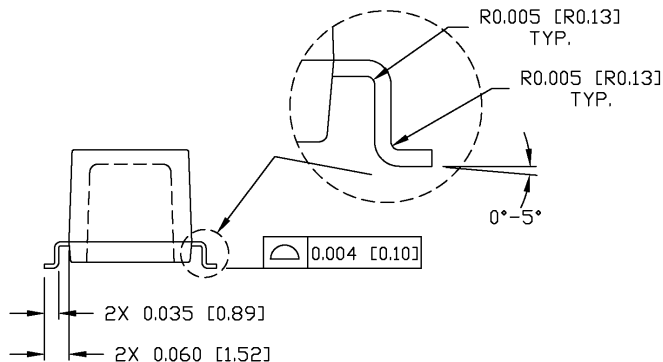
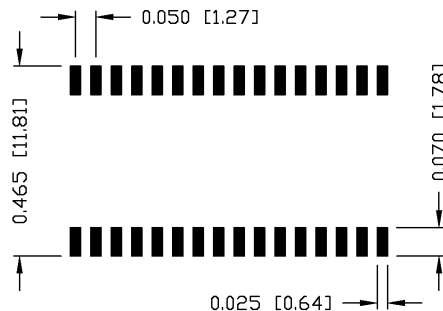
PER HAND-WORK-03

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

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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.	[] METRIC DIM. AS REFERENCE	 COMPONENTS ON A CONNECTED PLANET	
HD	04-19-06	MECHANICAL DRAWING S553-6500-C8-F	X5536500C8-F	TOL. IN INCH	UNIT : INCH [mm]		REV. : A
DRAWN BY	DATE		FILE NAME	.X	N/A		SIZE : A4
DQ Chen	04-19-06		X5536500C8FA.DWG	.XX	±0.01		PAGE : 3
				.XXX	±0.005		