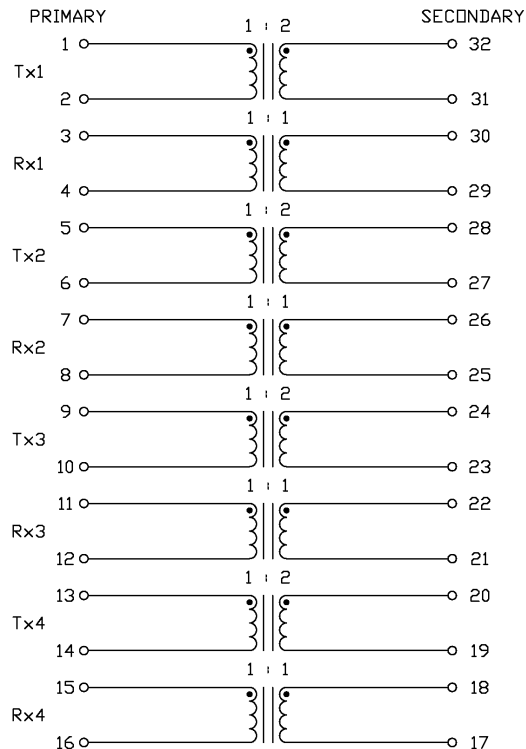


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SCHEMATIC



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 μ H MIN.

Rx PRIMARY 1.8 mH MIN. @10kHz, 10mV

AT -40°C 850 μ H MIN.

LEAKAGE INDUCTANCE L_e

Tx PRIMARY (SECONDARY SIDE SHORTED) 0.30 μ H MAX. @1MHz, 20mV

Rx PRIMARY (SECONDARY SIDE SHORTED) 0.50 μ H 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	
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	SIZE : A4
DQ Chen	04-19-06		X5536500C8FA.DWG	.XX .XXX		PAGE : 2

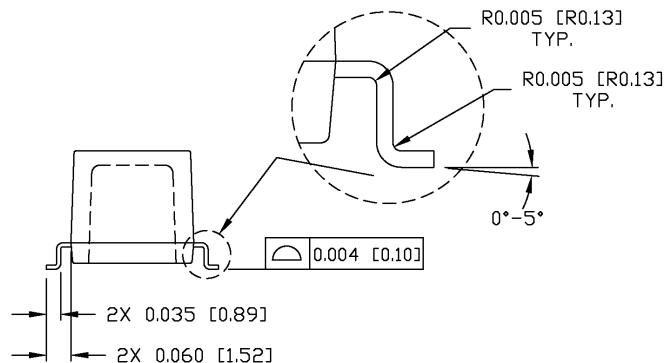
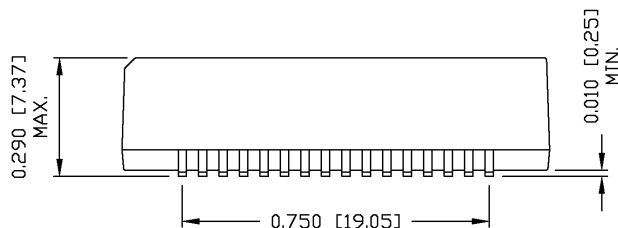
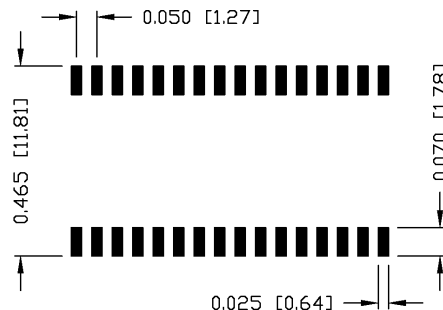
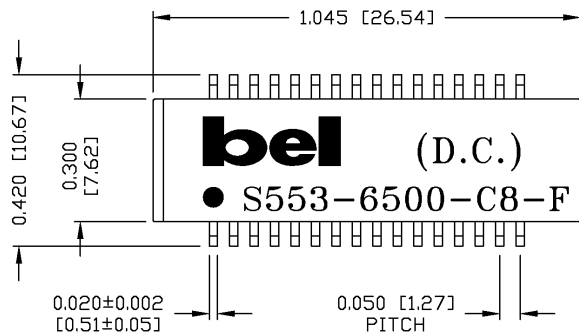


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SUGGESTED PCB PAD LAYOUT



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	
HD	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



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