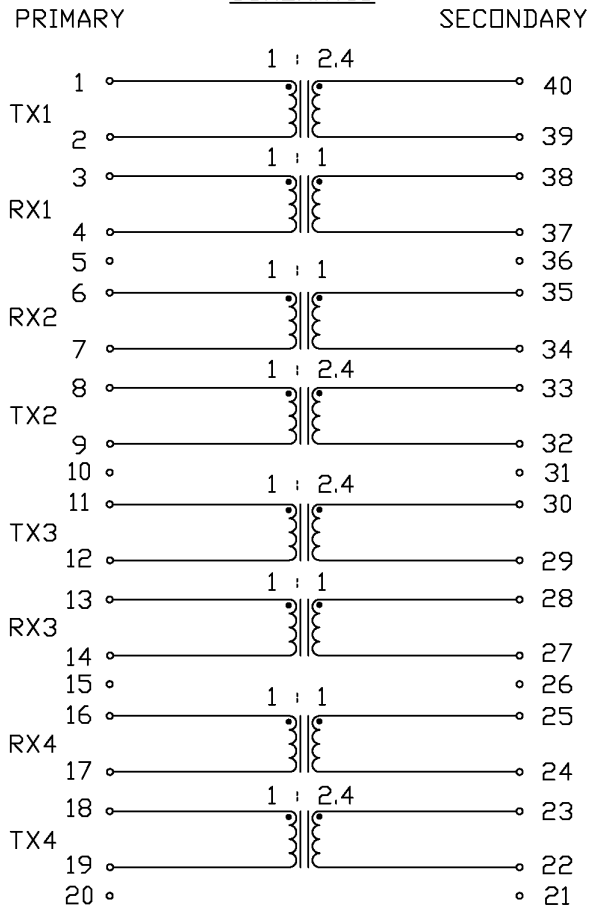


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SCHEMATIC

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 μH MIN.
 Rx PRIMARY 1.8 mH MIN. @10kHz, 10mV
 AT -40°C 850 μH MIN.

LEAKAGE INDUCTANCE, L_e

Tx PRIMARY (W/SECONDARY SHORTED) 0.30 μH MAX. @1MHz, 20mV
 Rx PRIMARY (W/SECONDARY 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 1.40 Ω MAX.
 Rx PRIMARY & SECONDARY 0.70 Ω MAX.

HIPOT

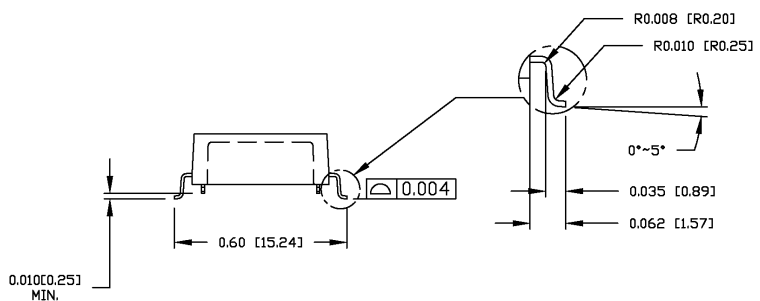
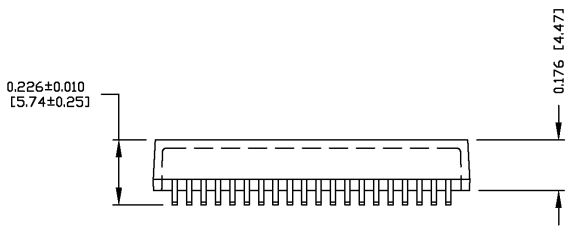
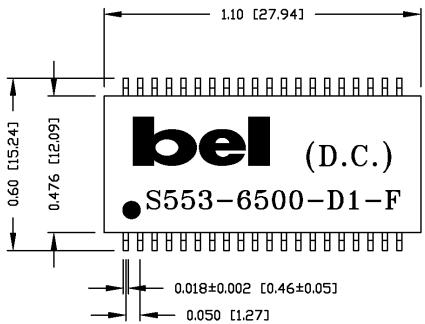
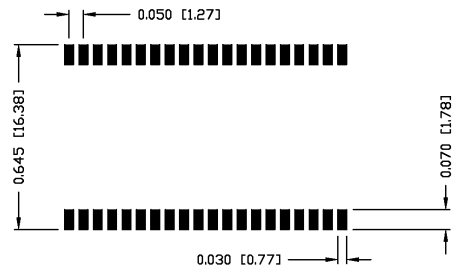
PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET
HQ	04-07-05	ELECTRICAL SPEC S553-6500-D1-F	X5536500D1-F	.X	UNIT : INCH [mm] REV. : A	
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4	
DQ Chen	04-07-05		X5536500D1FA.DWG	.XXX	 PAGE : 2	

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SUGGESTED PCB PAD LAYOUT



NOTES:

- STANDARD MARKING REFER TO DDC. HAND-WORK-04.
- PACKAGE CODE: "RRS001".

ORIGINATED BY MAN CAHN	DATE 04-07-05	TITLE MECHANICAL DRAWING S553-6500-D1-F	PART NO. / DRAWING NO. X5536500D1-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS OF A CONNECTED PLANET
			FILE NAME X5536500D1FA.DWG		.X .XX .XXX	±0.01 ±0.005	UNIT : INCH [mm] SCALE : N/A	REV. : A SIZE : A4 PAGE : 3	