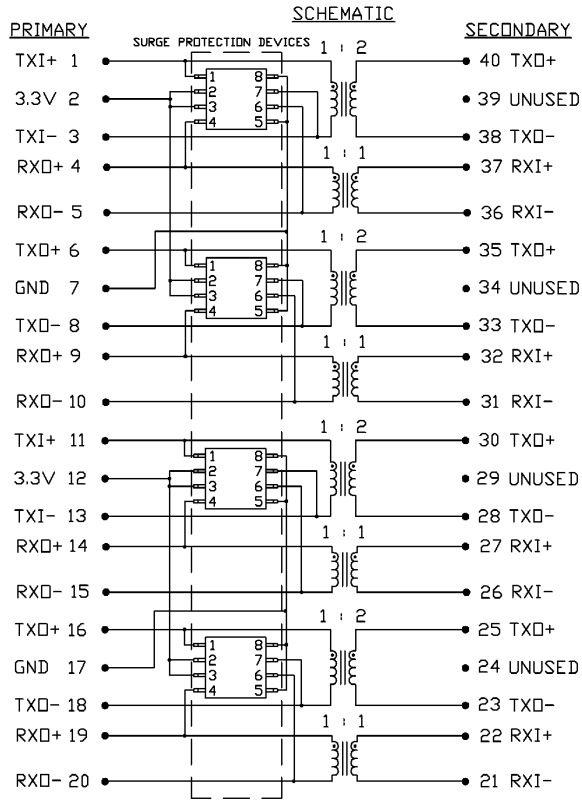


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ELECTRICAL CHARACTERISTICS @ 25°C



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 (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.

HIPDT

REF. DOC. HAND-WORK-03

THE SURGE PROTECTION DEVICES

TVS DIODE ARRAYS : PROTEK PSRDA3.3-4-LF
 NUMBER OF ARRAYS : 4

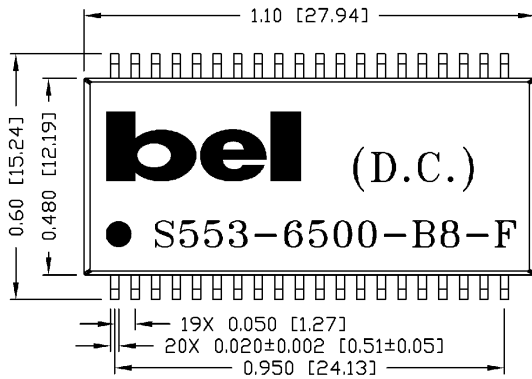
*THE SURGE PROTECTION PROVIDED BY THE BEL MODULE IS EQUIVALENT TO THAT ADVERTISED IN THE PROTEK PSRDA3.3-4-LF PRODUCT SPECIFICATION

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	 <small>COMPONENTS OF A CONNECTED PLANET</small>
HILLDY CHAN	08-24-07	ELECTRICAL SPECIFICATION S553-6500-B8-F	X5536500B8-F	TOL. IN INCH	UNIT : INCH [mm] REV. : B	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A SIZE : A4	
DQ Chen	08-24-07		X5536500B8FB.DWG	.XX		
				.XXX		

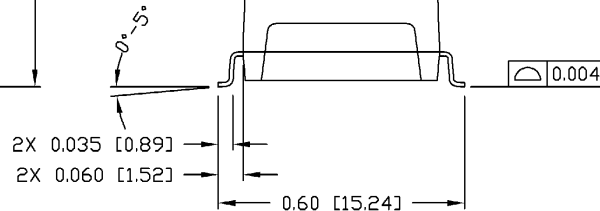
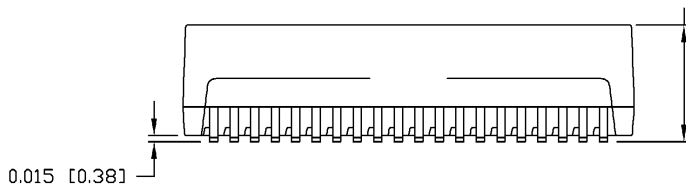
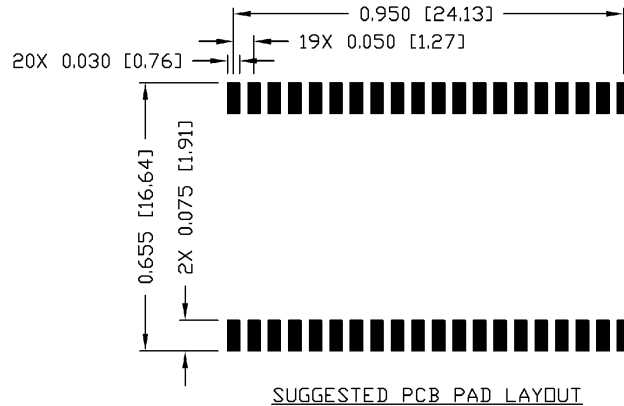
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"In order to survive the high temperature (260C) reflow requirement of RoHS directive, the internal solder joints of this part need to use solder containing over 85% of lead. Exempted per RoHS directive Annex 7"

RoHS
2002/95/EC



0.285±0.010
[7.24±0.25]



NOTES:

- STANDARD MARKING REFER TO DOC. HAND-WORK-04.
- PACKAGE CODE: "DIS002".

ORIGINATED BY Lawrence Tsang	DATE 08-24-07	TITLE MECHANICAL SPECIFICATION S553-6500-B8-F	PART NO. / DRAWING NO. X5536500B8-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
DRAWN BY DQ Chen	DATE 08-24-07		FILE NAME X5536500B8FB.DWG	.X ±0.01 .XXX ±0.005	UNIT : INCH [mm] SCALE : N/A REV. : B SIZE : A4 PAGE : 3

