

Excellent Integrated System Limited

Stocking Distributor

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[Bel Fuse Inc.](#)
[S553-6500-A8-F](#)

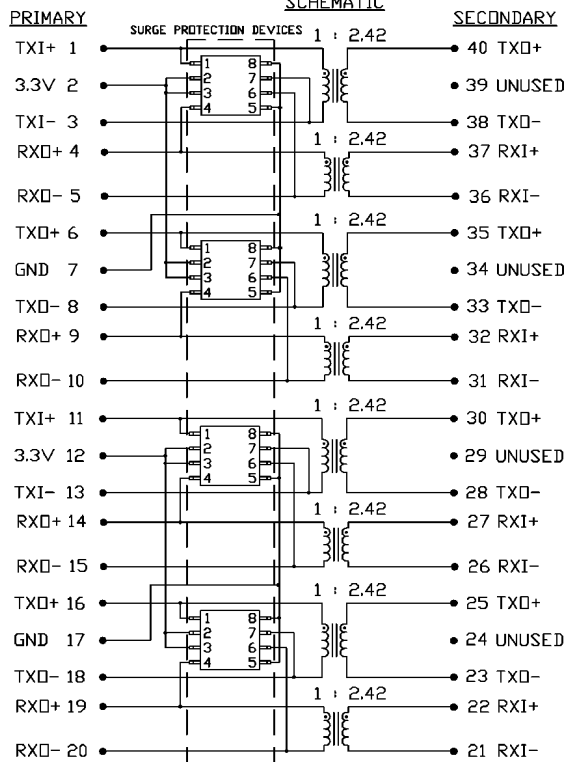
For any questions, you can email us directly:

sales@integrated-circuit.com

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SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio	PRIMARY : SECONDARY	1 : 2.42
Inductance	PRIMARY AT -40°C	1.2 mH MIN. @10kHz, 10mV 400 μ H MIN.
Leakage Inductance (Le)	PRIMARY WITH SECONDARY SIDE SHORTED	0.30 μ H MAX. @1MHz, 20mV
Interwinding Capacitance (Cw/W)	PRIMARY - SECONDARY	35pF MAX. @1MHz, 20mV
DC Resistance	PRIMARY SECONDARY	0.5 Ω MAX. 1.0 Ω MAX.
HIPOT		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

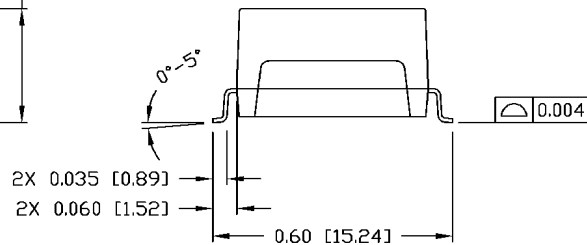
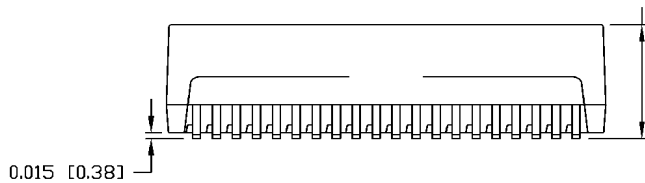
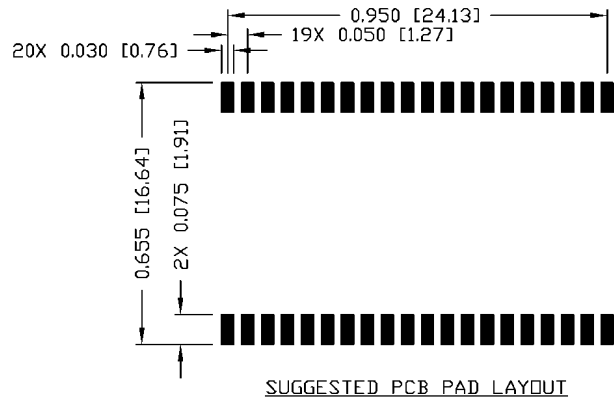
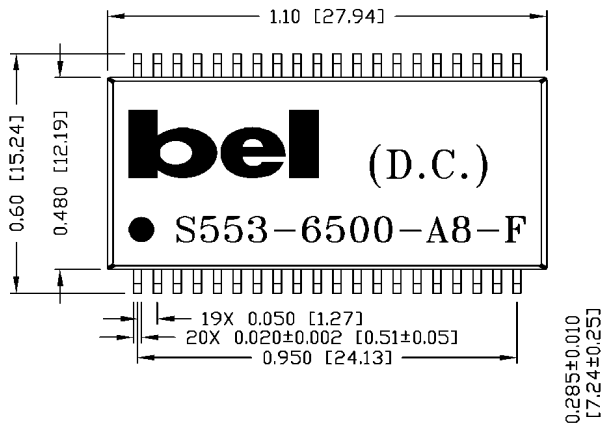
ORIGINATED BY	DATE	TITLE ELECTRICAL SPECIFICATION S553-6500-A8-F	PART NO. / DRAWING NO. X5536500A8-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		 COMPONENTS OF A CONNECTED PLANET	
HILLDY CHAN	08-24-07		FILE NAME X5536500A8F.B.DWG	X		UNIT : INCH [mm]		REV. : B
DRAWN BY	DATE			.XX		SCALE : N/A		SIZE : A4
DQ Chen	08-24-07			.XXX				PAGE : 2

DC002(2)032305

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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"



NOTES:

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

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
Lawrence Tsang	08-24-07	MECHANICAL SPECIFICATION S553-6500-A8-F	X5536500A8-F	.X	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
DQ Chen	08-24-07		X5536500A8F.B.DWG	.XXX		PAGE : 3

