

Excellent Integrated System Limited

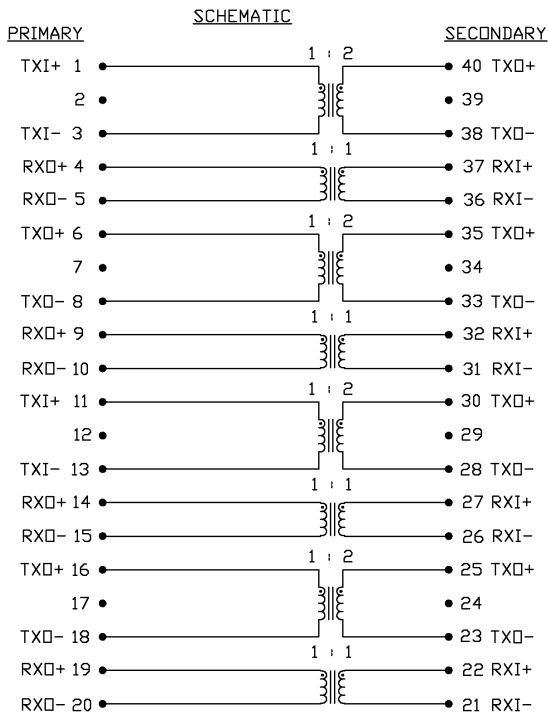
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[S553-6500-B9-F](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



ELECTRICAL CHARACTERISTICS @ 25°C

TURNS 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 (WITH SECONDARY SIDE SHORTED)	0.30 μH MAX. @1MHz, 20mV
Rx PRIMARY (WITH 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.
HIPOT	PER. HAND-WORK-03

ORIGINATED BY	DATE	TITLE ELECTRICAL SPECIFICATION S553-6500-B9-F	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
CHAN CH	06-13-07		X5536500B9-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
DQ Chen	06-13-07	X5536500B9FA.DWG	.XX		PAGE : 2	
			.XXX			

DC002(2)032305

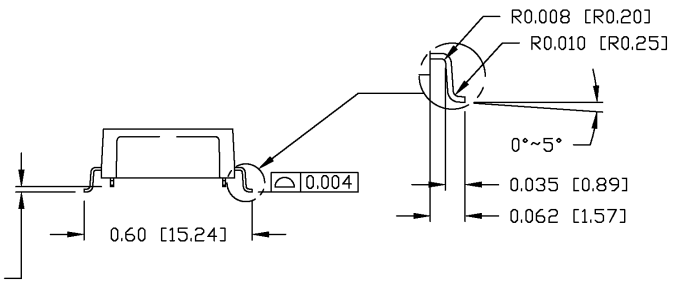
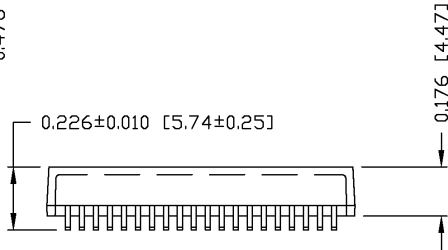
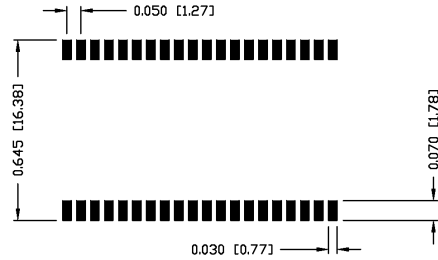
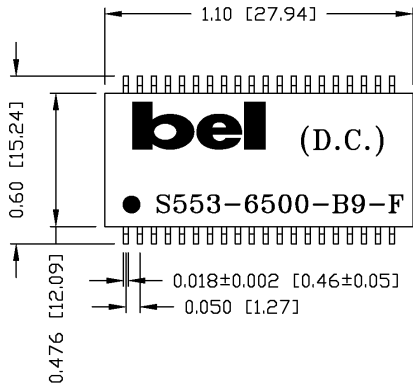
This document is electronically generated. This is a controlled copy if used internally



THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



SUGGESTED PCB PAD LAYOUT



NOTES:

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

ORIGINATED BY Lawrence Tsang	DATE 06-13-07	TITLE MECHANICAL DRAWING S553-6500-B9-F	PART NO. / DRAWING NO. X5536500B9-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
DRAWN BY DQ Chen	DATE 06-13-07		FILE NAME X5536500B9FA.DWG	.X .XX ±0.01 .XXX ±0.005	UNIT : INCH [mm] REV. : A SCALE : N/A SIZE : A4 PAGE : 3

DC002(2)032305

This document is electronically generated. This is a controlled copy if used internally

