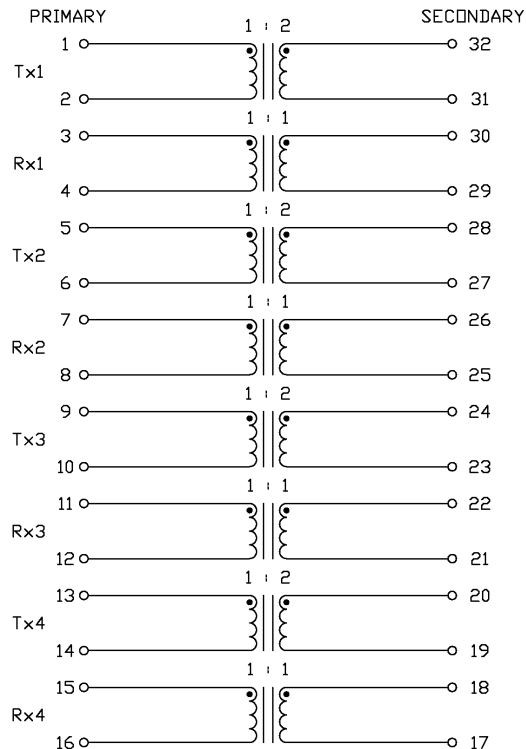


THE INFORMATION CONTAINED HEREIN IS CONSIDERED
"PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE
COPIED, REPRODUCED OR DISCLOSED WITHOUT THE
WRITTEN APPROVAL OF BEL FUSE INC.



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

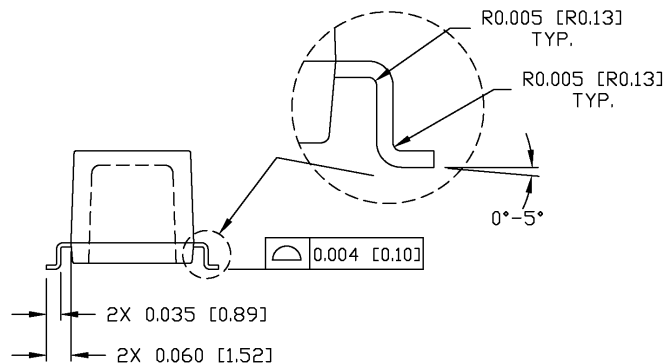
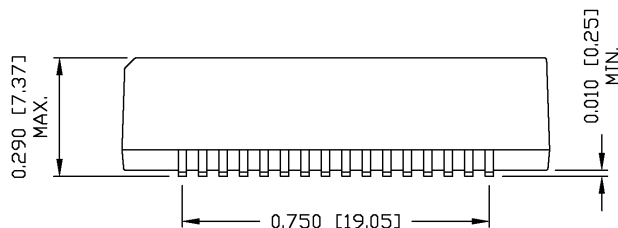
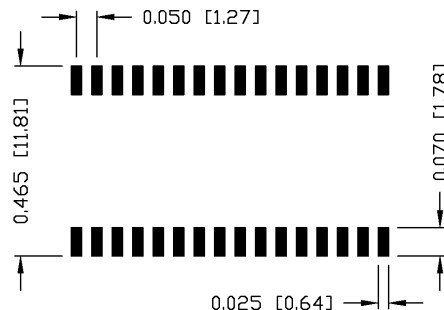
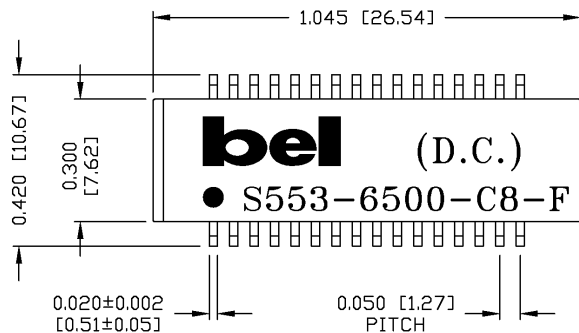
ORIGINATED BY	DATE	TITLE 4-CHANNEL T1/E1 LIU MAGNETICS MODULE S553-6500-C8-F	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET	
HD	04-19-06 <td>X5536500C8-F</td> <td>TOL. IN INCH</td> <td>UNIT : INCH [mm]</td> <td>REV. : A</td>		X5536500C8-F	TOL. IN 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				PAGE : 2
			.XXX					

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.

RoHS
2002/95/EC



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



AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com