

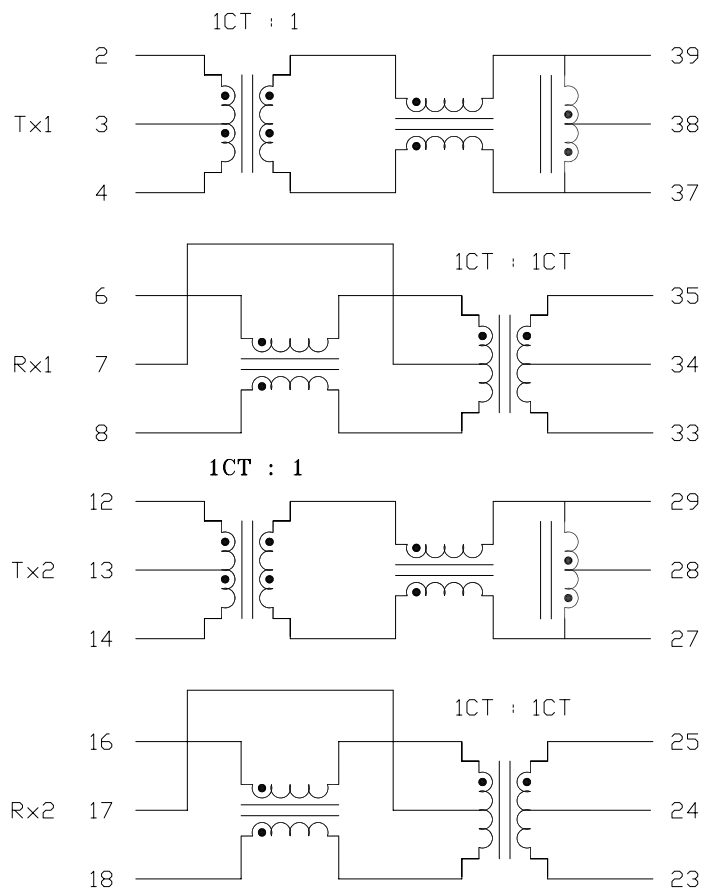
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PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

SCHEMATIC



TURNS RATIO

Tx SIDE:

1CT : 1

Rx SIDE:

1CT : 1CT

POLARITY

2 & 39, 6 & 35, 12 & 29, 16 & 25
IN PHASE

DCL

350uH MIN. @ 100kHz, 100mV
WITH 8mA D.C. BIAS

INSERTION LOSS

1.0dB MAX. AT 100kHz TO 80MHz

RETURN LOSS

MEASURED UNDER A 100 Ω
ENVIRONMENT

FREQ.(MHz)	2	5	10	30	45	60	80
dB MIN	20	20	20	18	15	12	10

RISE TIME

2.5 nS TYP.

COMMON TO DIFFEENTIAL MODE REJECTION

40dB MIN. AT 100kHz TO 100MHz

COMMON TO COMMON MODE REJECTION

30dB MIN. AT 100kHz TO 100MHz

CROSSTALK

35dB MIN. AT 100kHz TO 100MHz

HIPOT

PER HAND-WORK-03

DRWN DQ Chen
DATE 12-10-04
CHKD HQ
DATE 12-10-04

TITLE
10/100BT DUAL MAGNETICS MODULE
S558-5999-79-F

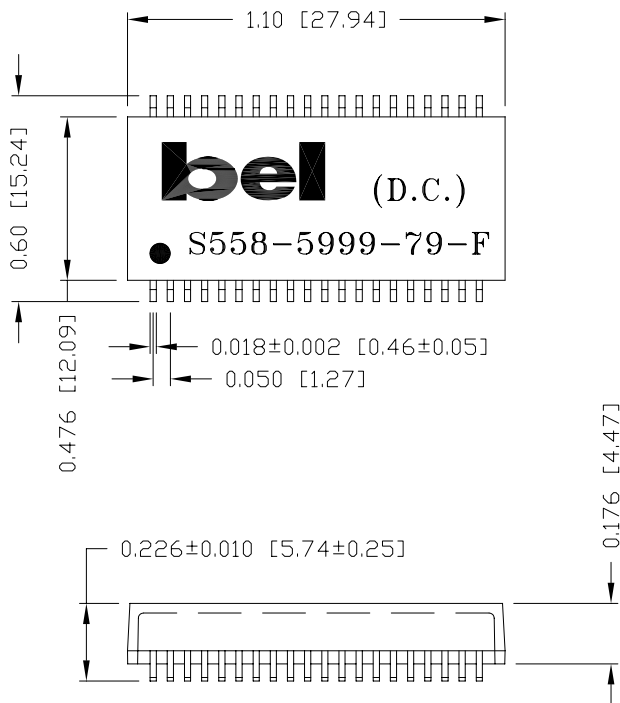
PART NO. / DRAWING NO.
X558599979-F
FILE NAME
X558599979FPA.DWG

STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
.X	UNIT : INCH [mm]	REV. : PA
.XX	SCALE : N/A	SIZE : A4
.XXX		PAGE : 2

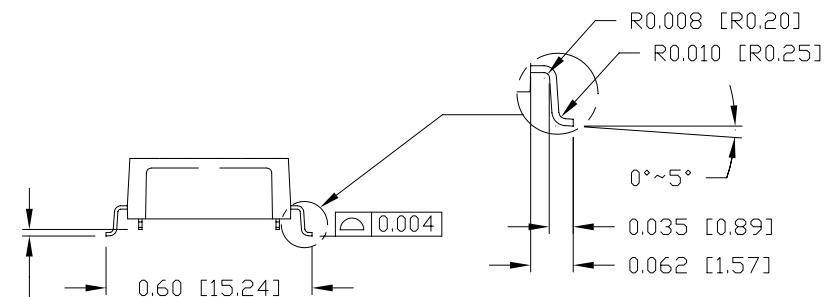
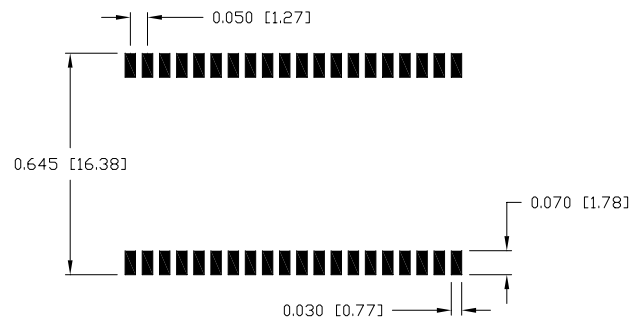


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PRELIMINARY



SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "RRS001".

DRWN	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : PA
Yang Hao	12-10-04	MECHANICAL DRAWING S558-5999-79-F	X558599979-F	.X		SCALE : N/A	SIZE : A4
CHKD	DATE		FILE NAME	.XX	±0.01		PAGE : 3
Lawrence	12-10-04		X558599979FPA.DWG	.XXX	±0.005		

Mouser Electronics

Authorized Distributor

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Bel:

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