



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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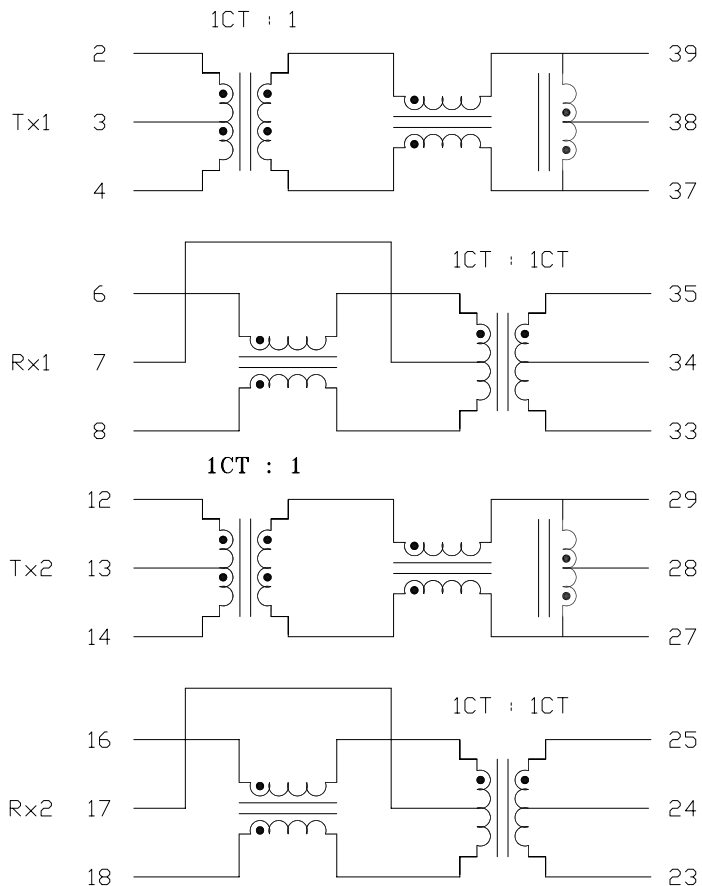
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PRELIMINARY



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
 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

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

DRWN DQ Chen	DATE 12-10-04	TITLE 10/100BT DUAL MAGNETICS MODULE	PART NO. / DRAWING NO. X558599979-F
CHKD HQ	DATE 12-10-04	S558-5999-79-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



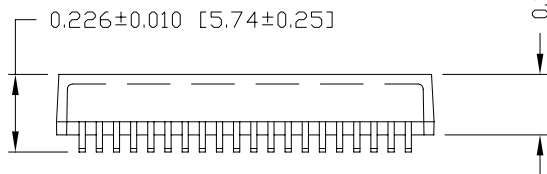
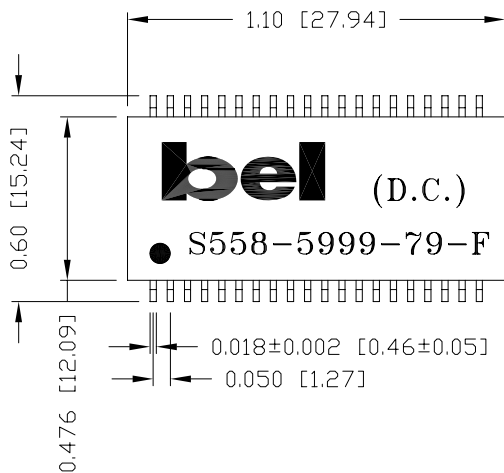
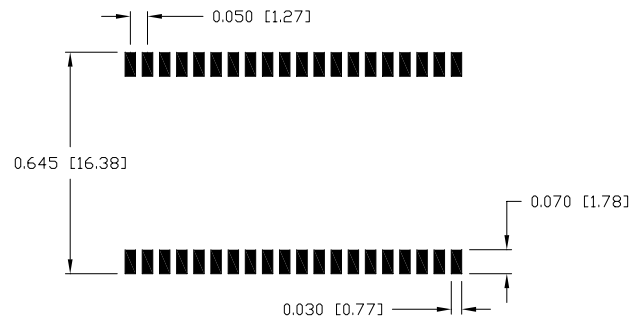
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PRELIMINARY

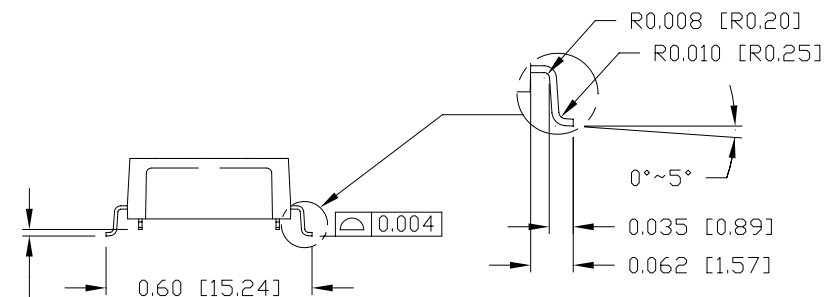
RoHS
2002/95/EC



SUGGESTED PCB PAD LAYOUT



0.010 [0.25]
MIN.



NOTES:

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

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