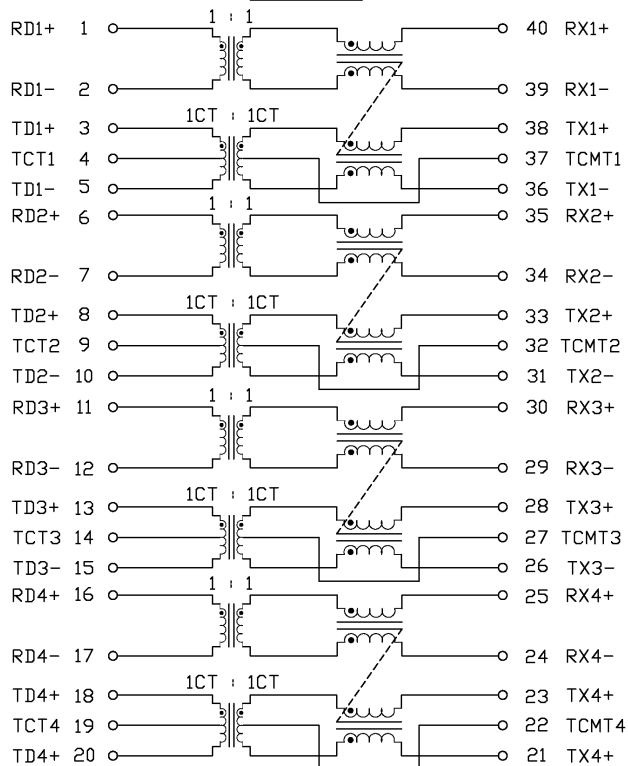


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RoHS
2002/95/EC



SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

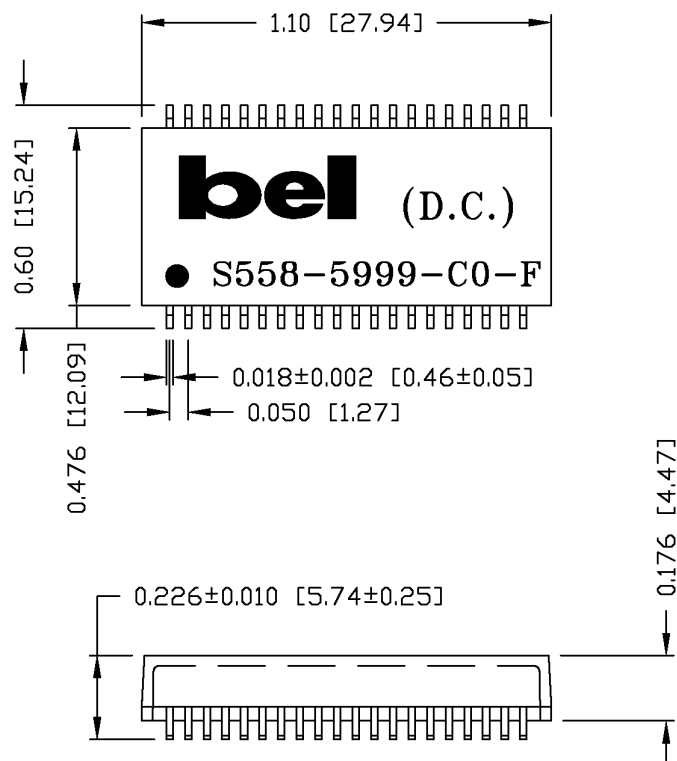
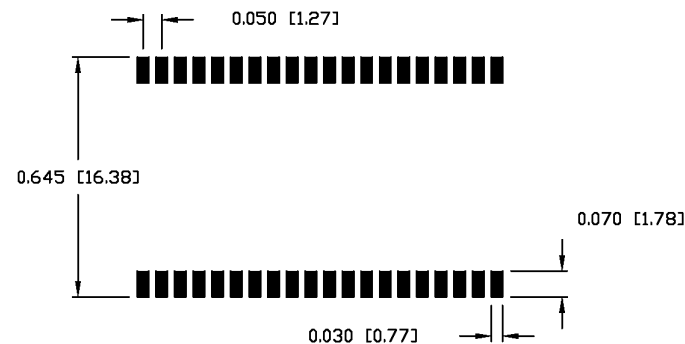
TURN'S RATIO	
RX	1 : 1
TX	1CT : 1CT
PHASE	PER DOT CONVENTION
OCL	350μH MIN. @ 100kHz, 100mV WITH 8mA DC BIAS
INSERTION LOSS	1.0dB MAX. @ 100kHz TO 80MHz
RETURN LOSS	20dB MIN. AT 2 TO 10MHz
MEASURED UNDER 100Ω ENVIRONMENT	18dB MIN. AT 30MHz 15dB MIN. AT 45MHz 12dB MIN. AT 60MHz 10dB MIN. AT 80MHz
COMMON TO DIFFERENTIAL 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
LEAKAGE INDUCTANCE	@ 1MHz, 20mV
Rx	200nH MAX. @ 1MHz, 20mV
Tx	300nH MAX. @ 1MHz, 20mV
HIPOT	PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE ELECTRICAL SPECIFICATION S558-5999-C0-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
HO	08-24-06		X5585999C0-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
DQ Chen	08-24-06		X5585999C0FA.DWG	.XX		.XXX	 PAGE : 2	

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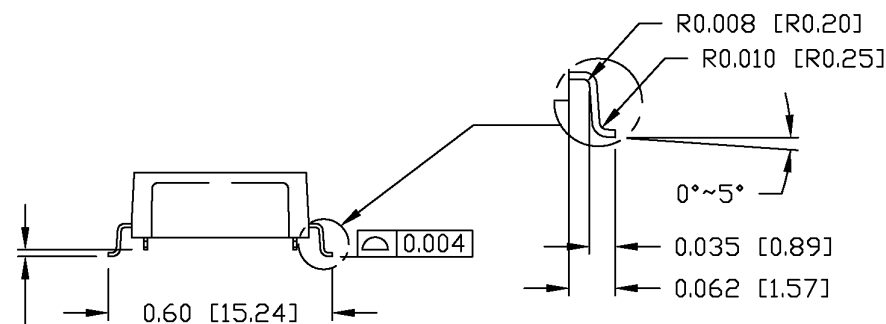


SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04. 0.010[0.25] MIN.
2. PACKAGE CODE: "RRS001".



ORIGINATED BY	DATE	TITLE MECHANICAL OUTLINE S558-5999-C0-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
Lawrence	08-24-06		X5585999C0-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
DQ Chen	08-24-06		X5585999C0FA.DWG	.XX		±0.01		
			.XXX	±0.005				

