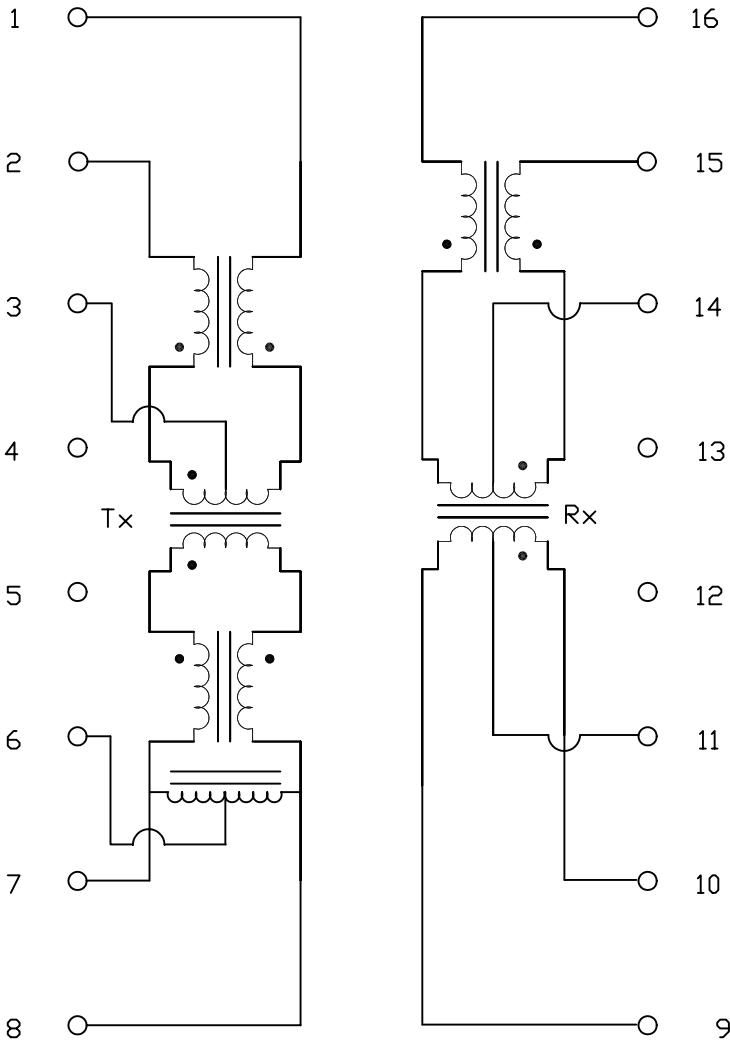




ELECTRICAL CHARACTERISTICS @ 25°C

SCHEMATIC



URNS RATIO

(2-3-1):(7-6-8) Tx  
(15-14-16):(10-11-9) Rx

1cT : 1cT  
1cT : 1cT

PHASING

2 TO 7 AND 15 TO 10  
PER DOT CONVENTION

QCL

(1-2) OPEN 8 & 7  
(15-16) OPEN 10 & 9

350  $\mu$ H MIN. AT 100kHz  
0.1V rms WITH 8mA D.C. BIAS

INSERTION LOSS

1.0dB MAX AT 100kHz TO 100MHz

RETURN LOSS

MEASURED UNDER A 100  $\Omega$   
ENVIRONMENT

FREQ.	2MHz	10MHz	30MHz	45MHz	60MHz	80MHz
MIN.	20dB	20dB	19dB	16dB	12dB	12dB

CMDR

40dB MIN AT 100kHz TO 155MHz

CMRR

30dB MIN AT 100kHz TO 155MHz

CROSSTALK

30dB MIN AT 100kHz TO 155MHz

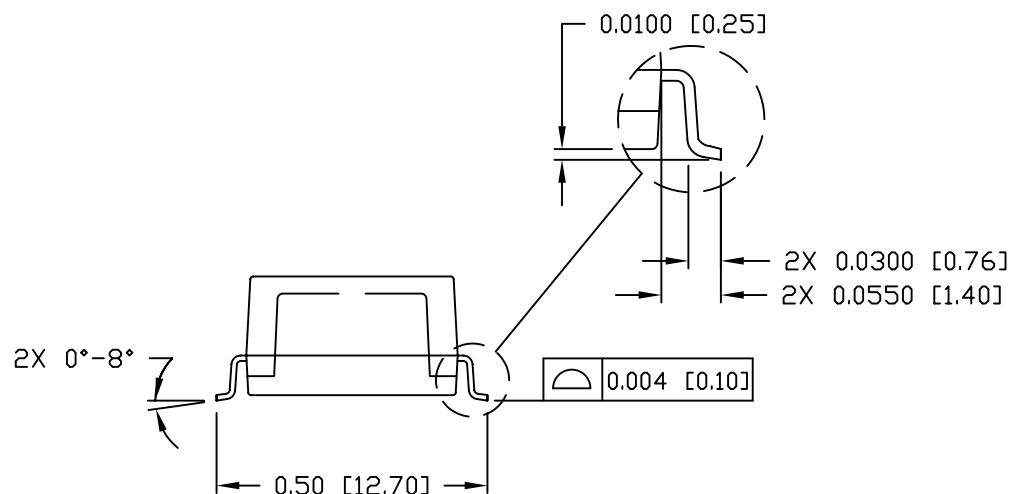
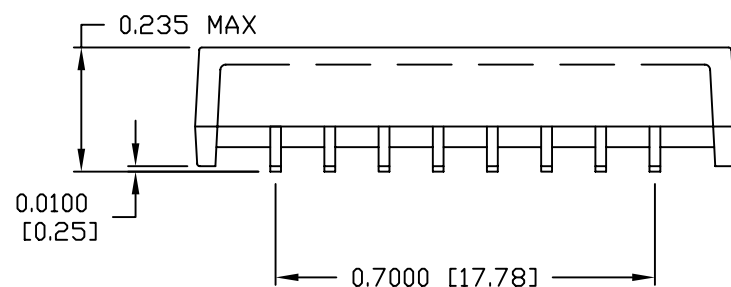
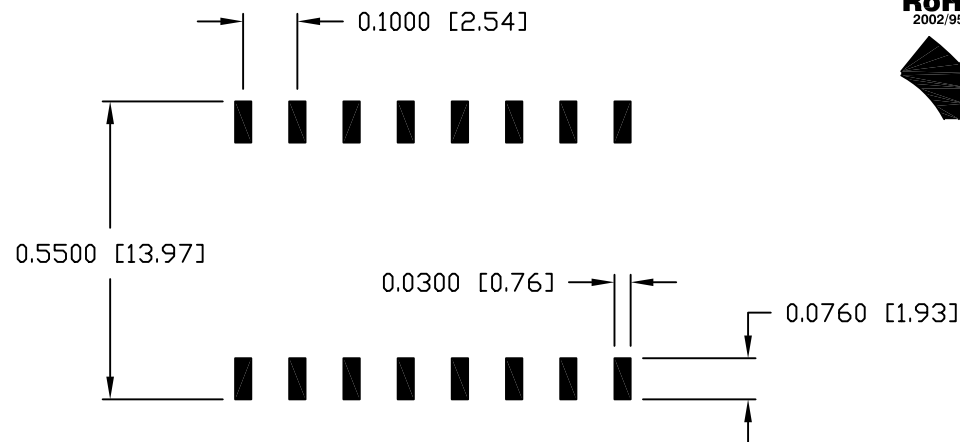
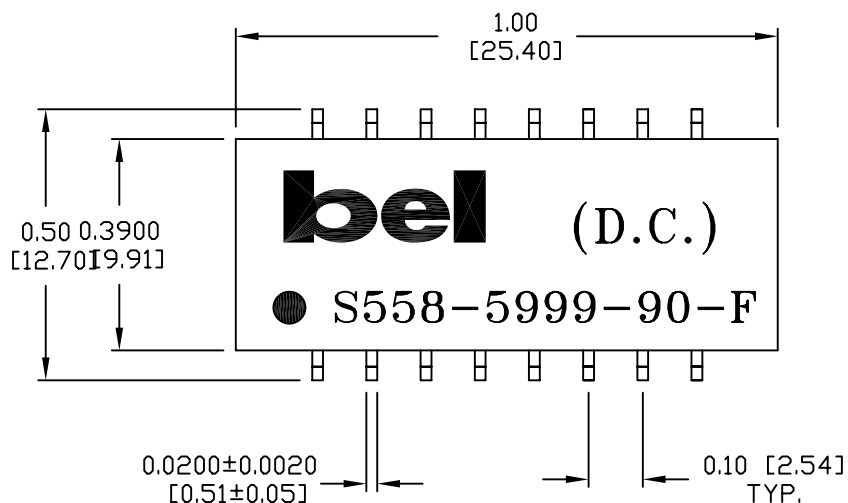
HIPOT

PER HAND-WORK-03

ORIGINATED BY HJ	DATE 03-31-05	TITLE ELECTRICAL SPECIFICATION S558-5999-90-F	PART NO. / DRAWING NO. S558-5999-90-F	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE		
				.X		UNIT : INCH [mm]	REV. : A	
				.XX		SCALE : N/A	SIZE : A4	
DRAWN BY JQ Chen	DATE 03-31-05		FILE NAME	.XXX			PAGE : 2	COMPONENTS FOR A CONNECTED PLANET

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# SUGGESTED PCB PAD LAYOUT



## NOTES:

- STANDARD MARKING REFER TO DOC. HAND-WORK-04.
- PACKAGE CODE: "RNS001".

ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY		DATE			TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DQ Chen		03-31-05			.X	±0.01	SCALE : N/A	SIZE : A4	
		03-31-05			.XX	±0.005		PAGE : 3	

# Mouser Electronics

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