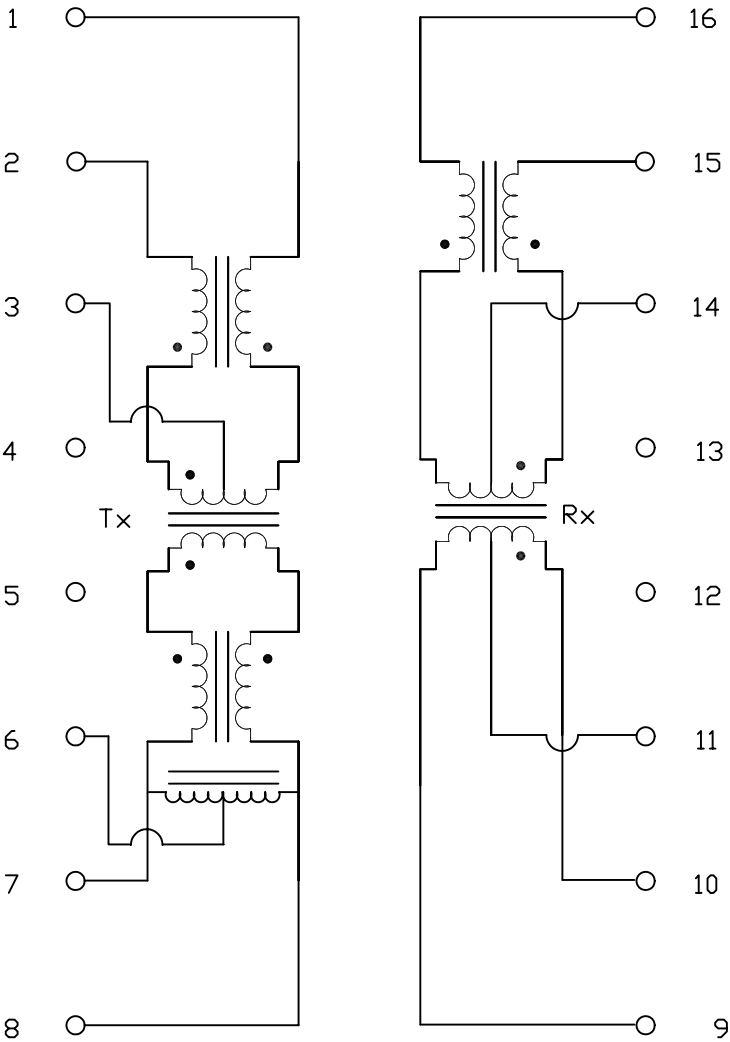




ELECTRICAL CHARACTERISTICS @ 25°C

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 μ 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 Ω
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

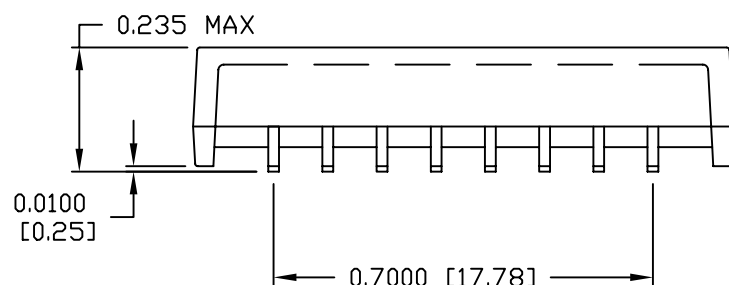
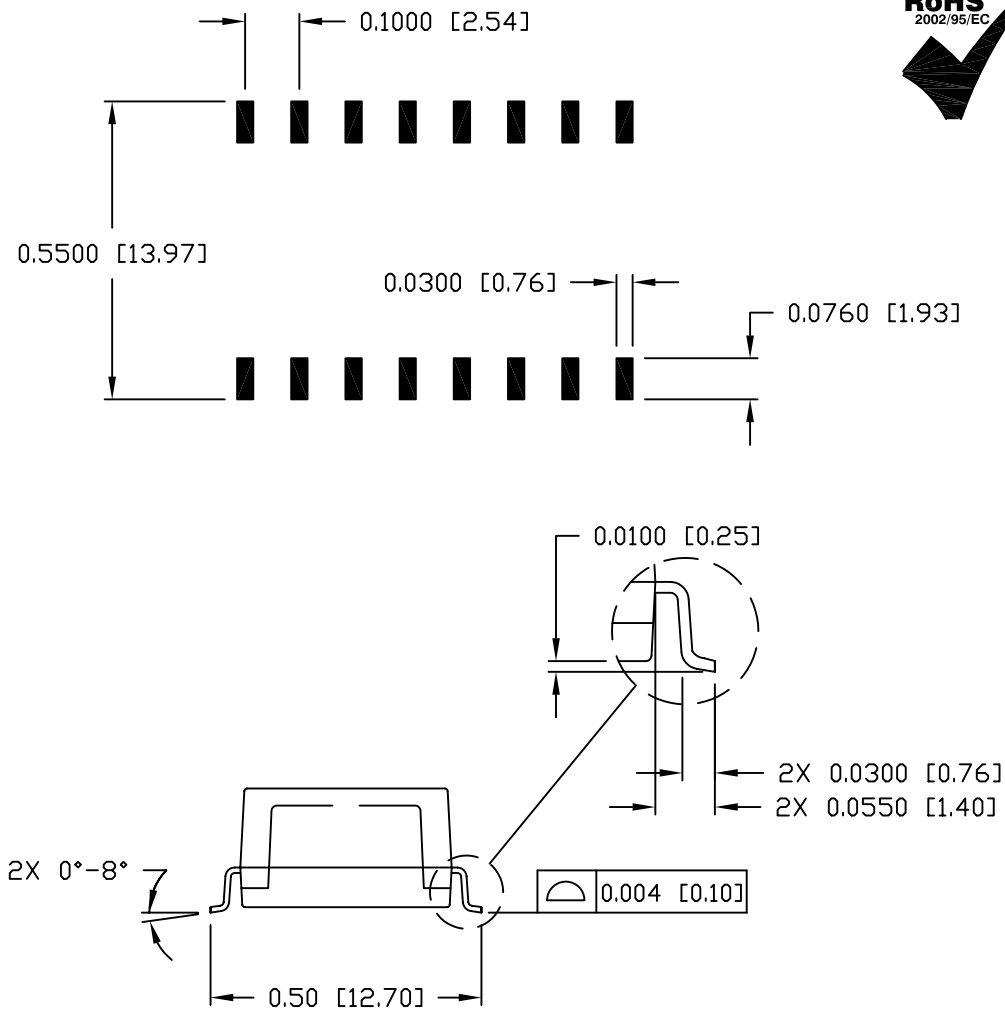
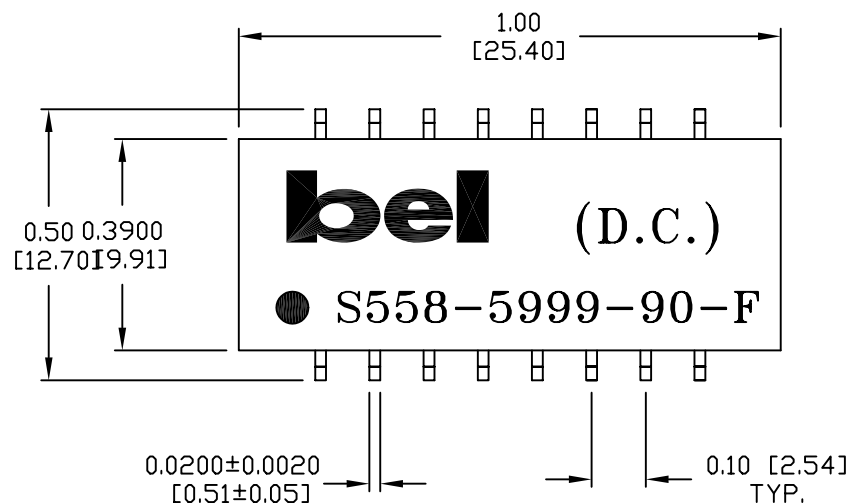
HIPOT

PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE ELECTRICAL SPECIFICATION S558-5999-90-F	PART NO. / DRAWING NO.	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	 COMPONENTS FOR A CONNECTED PLANET™
40	03-31-05		S558-5999-90-F	.X		SCALE : N/A	SIZE : A4	
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 2	
DQ Chen	03-31-05			.XXX				

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SUGGESTED PCB PAD LAYOUT



NOTES:

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

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	TOL. IN INCH		UNIT : INCH [mm]	REV. : A
HD	03-31-05			.X			
DRAWN BY	DATE			.XX			
DQ Chen	03-31-05			.XXX			
		MECHANICAL DRAWING	FILE NAME	±0.01		SCALE : N/A	SIZE : A4
		S558-5999-90-F		±0.005			PAGE : 3


COMPONENTS FOR A
CONNECTED
PLANET