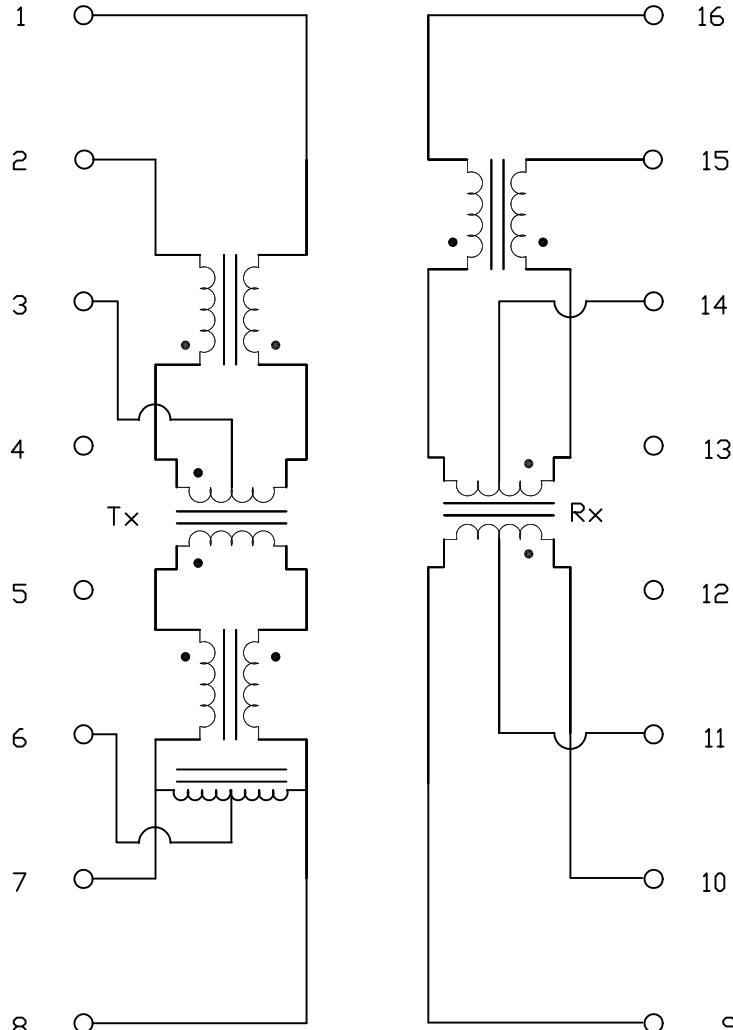




ELECTRICAL CHARACTERISTICS @ 25°C

SCHEMATIC



**TURNS RATIO**

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

1cT : 1cT  
1cT : 1cT

**PHASING**

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

2 TO 7 AND 15 TO 10  
PER DOT CONVENTION

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

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

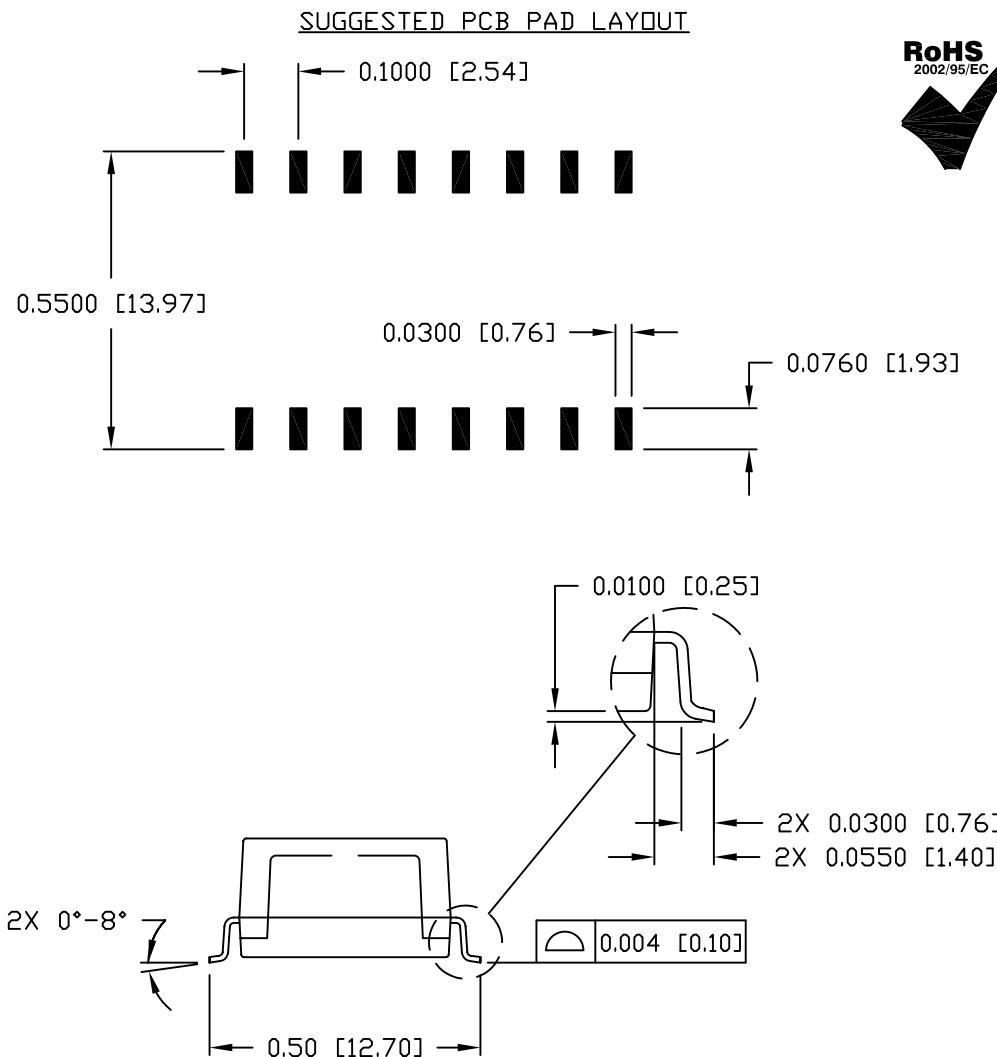
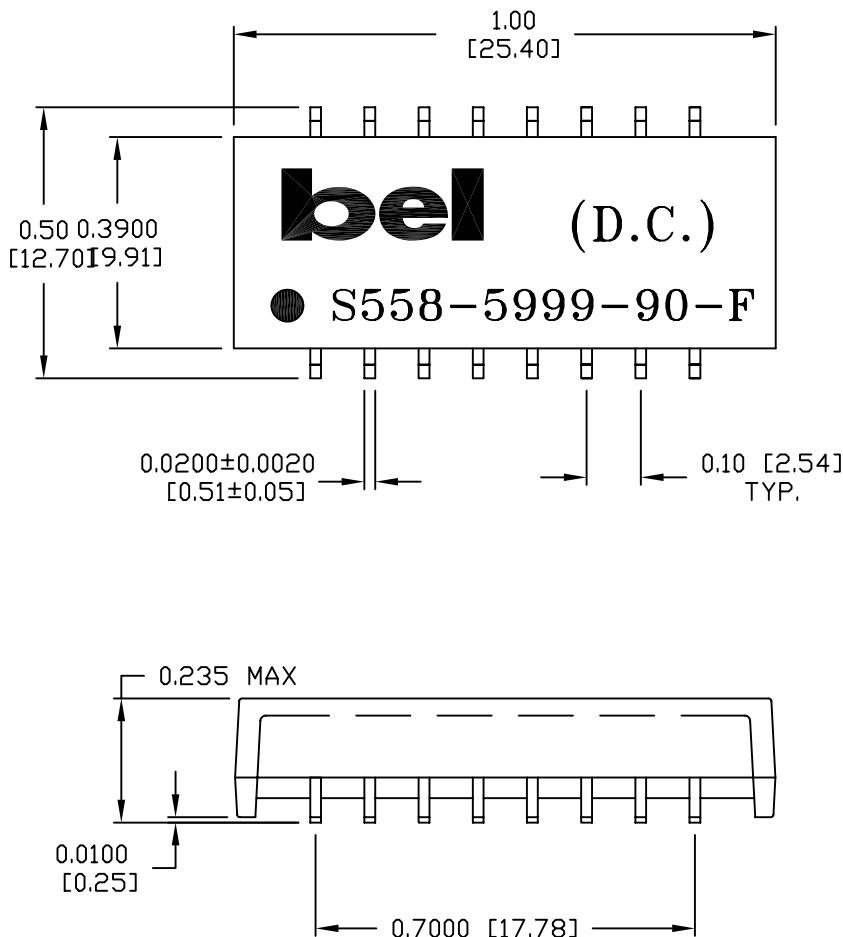
ORIGINATED BY DATE  
JQ Chen 03-31-05  
DRAWN BY DATE  
JQ Chen 03-31-05  
002(2)122004

TITLE  
ELECTRICAL SPECIFICATION  
S558-5999-90-F

PART NO. / DRAWING NO.  
S558-5999-90-F  
FILE NAME

**bel**  
COMPONENTS FOR A  
CONNECTED  
PLANET

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NOTES:

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

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.
HO	03-31-05		
DRAWN BY	DATE	S558-5999-90-F	FILE NAME
DQ Chen	03-31-05		

STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE	
UNIT : INCH [mm]	REV. : A	SCALE : N/A	SIZE : A4
.X			
.XX	±0.01		
.XXX	±0.005		

# Mouser Electronics

Authorized Distributor

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