



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!



## Contact us

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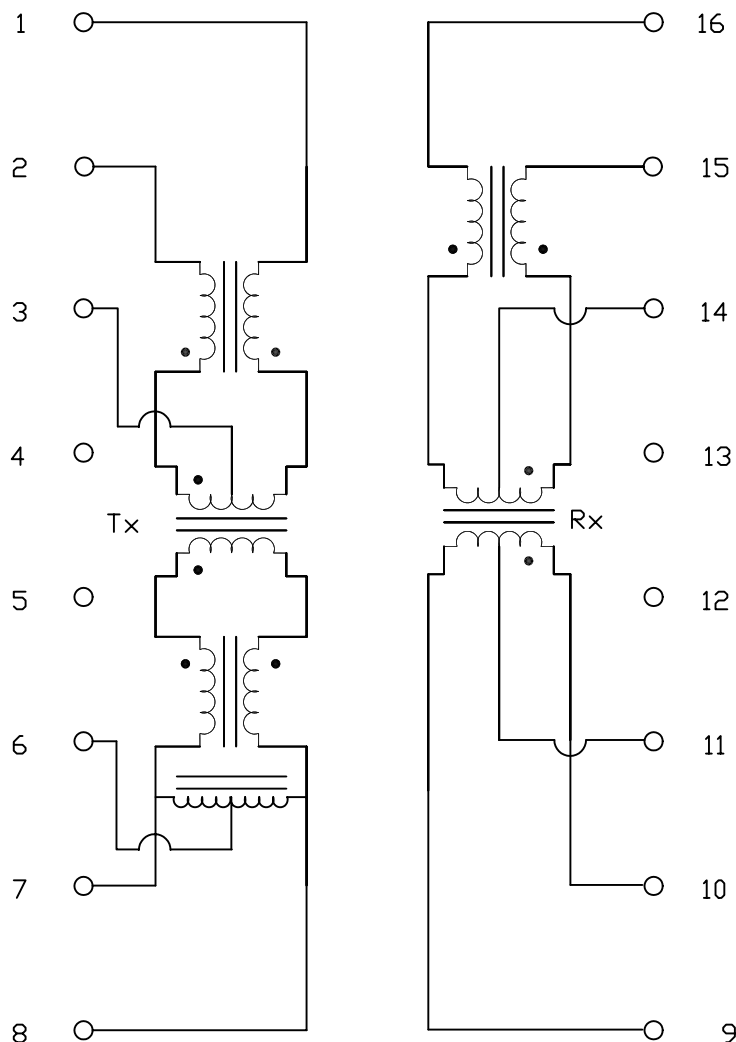


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ELECTRICAL CHARACTERISTICS @ 25°C

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

OCL

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

350 μH 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  
JQ  
DRAWN BY  
JQ Chen  
DATE  
03-31-05  
DATE  
03-31-05

TITLE  
ELECTRICAL SPECIFICATION  
S558-5999-90-F

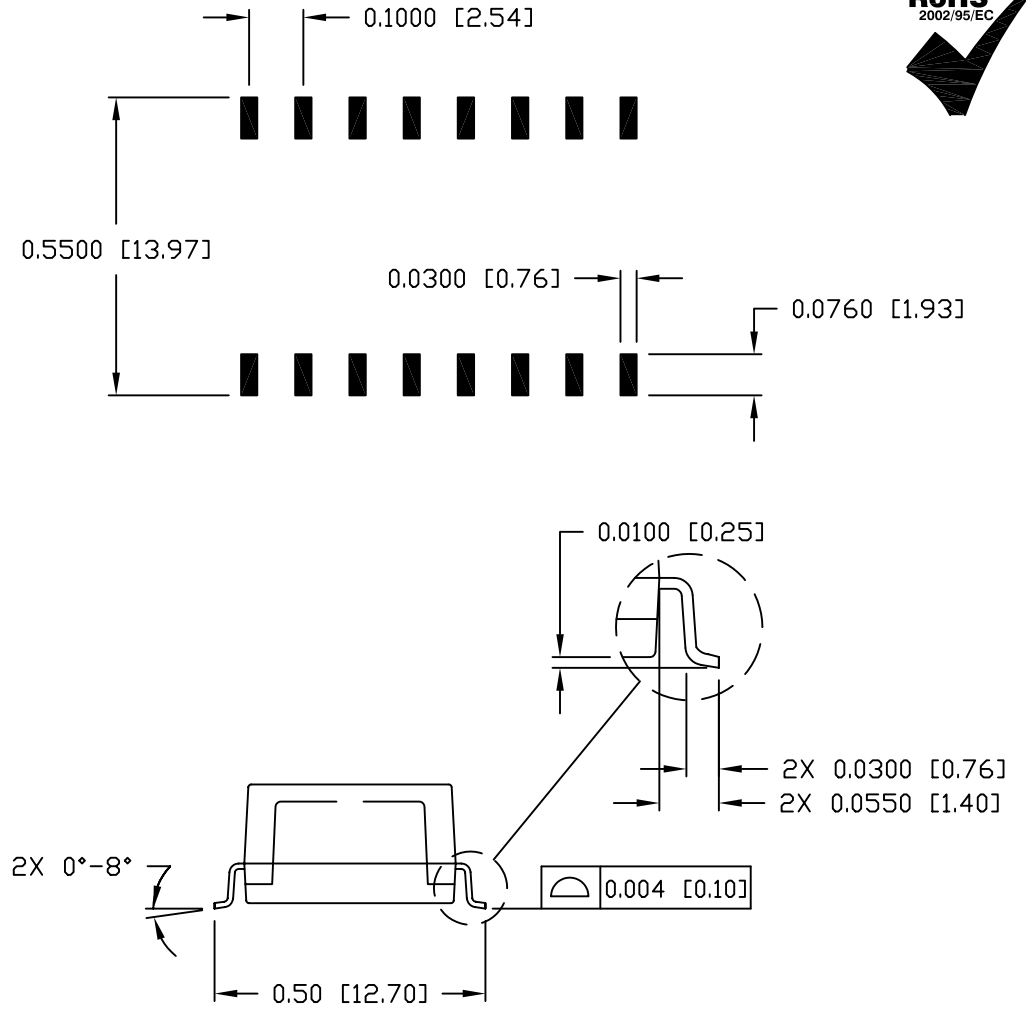
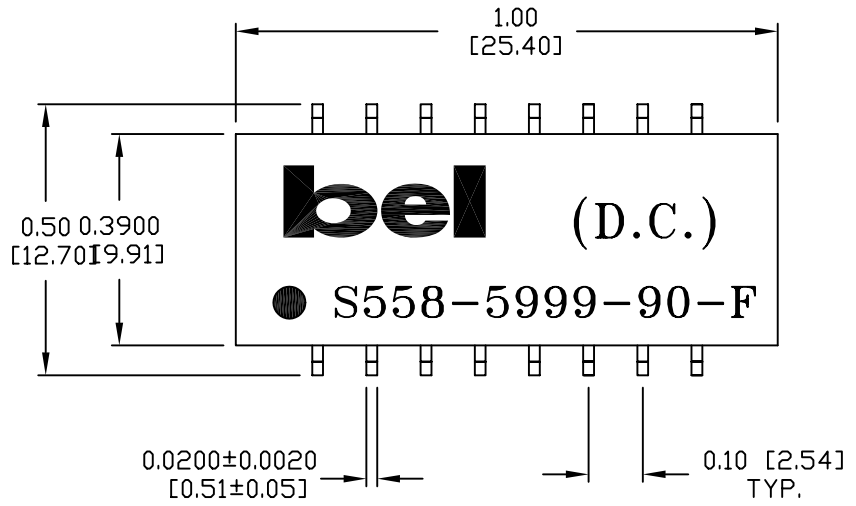
PART NO. / DRAWING NO.  
S558-5999-90-F  
FILE NAME

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



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SUGGESTED PCB PAD LAYOUT



NOTES:

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

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