

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[S558-5999-46-F](#)

For any questions, you can email us directly:

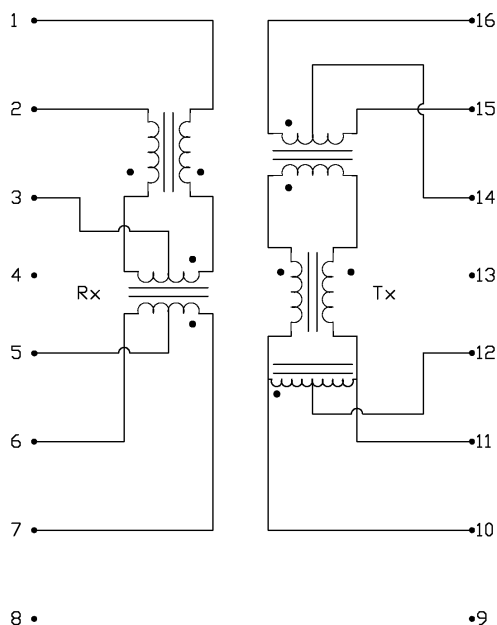
sales@integrated-circuit.com

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ELECTRICAL CHARACTERISTICS @ 25°C



SCHEMATIC



TURNS RATIO

(1-3-2) : (7-5-6)
(16-14-15) : (10-12-11)

1CT : 1CT
1CT : 1CT

PHASING

1 TO 7 AND 16 TO 10 IN PHASE

□CL

(7-6) OPEN 1 & 2
(10-11) OPEN 16 & 15

420uH MIN. AT 100kHz, 100mV
WITH 8mA DC BIAS

INSERTION LOSS

1.0dB MAX AT 100kHz TO 80MHz

RETURN LOSS

MEASURED UNDER A 100 Ω
ENVIRONMENT (16-15) TO (10-11)
(6-7) TO (1-2)

FREQ	2MHz	10MHz	30MHz	45MHz	60MHz	80MHz
MIN.	20dB	20dB	19dB	16dB	13dB	12dB

RETURN LOSS

MEASURED UNDER 25 AND 100 Ω
IMPEDANCE ENVIRONMENT ACROSS
(16-14) AND (10-11)
RESPECTIVELY

17dB MIN AT 5MHz & 10MHz

CMDR

40dB MIN AT 100kHz TO 50MHz
30dB MIN ABOVE 50M TO 100MHz

CROSSTALK

30dB MIN AT 100kHz TO 100MHz

HIPOT

PER HAND-WORK-03

DRWN DQ Chen
DATE 01-26-05
CHKD HQ
DATE 01-26-05

TITLE
ELECTRICAL SPECIFICATION
S558-5999-46-F

PART NO. / DRAWING NO.
X558599946-F
FILE NAME
X558599946FA.DWG

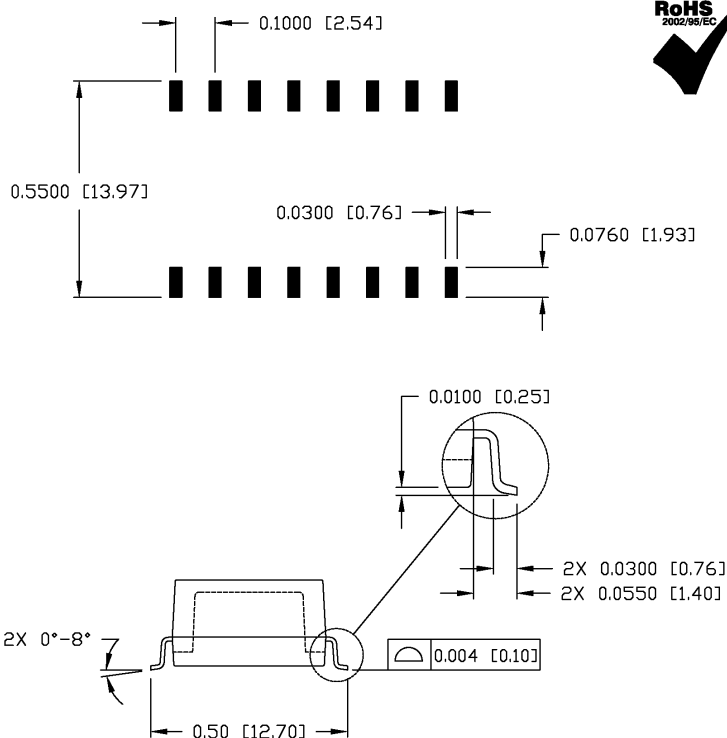
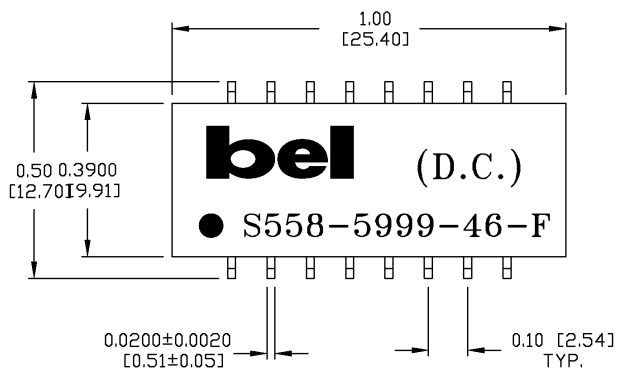
STANDARD DIM.	TOL. IN INCH
.X	
.XX	
.XXX	

[] METRIC DIM. AS REFERENCE	UNIT : INCH [mm]	REV. : A
SCALE : N/A	SIZE : A4	PAGE : 2



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SUGGESTED PCB PAD LAYOUT



NOTES:

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

DRWN	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	UNIT : INCH [mm]	REV. : A
DQ Chen	01-26-05	MECHANICAL DRAWING	X558599946-F	.X			
CHKD	DATE	S558-5999-46-F	FILE NAME	.XX	±0.01	SCALE : N/A	SIZE : A4
HQ	01-26-05		X558599946FADWG	.XXX	±0.005		PAGE : 3

FORM NO. - ENG02082001

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