

Excellent Integrated System Limited

Stocking Distributor

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

[Bel Fuse Inc.](#)
[S558-5999-G9-F](#)

For any questions, you can email us directly:

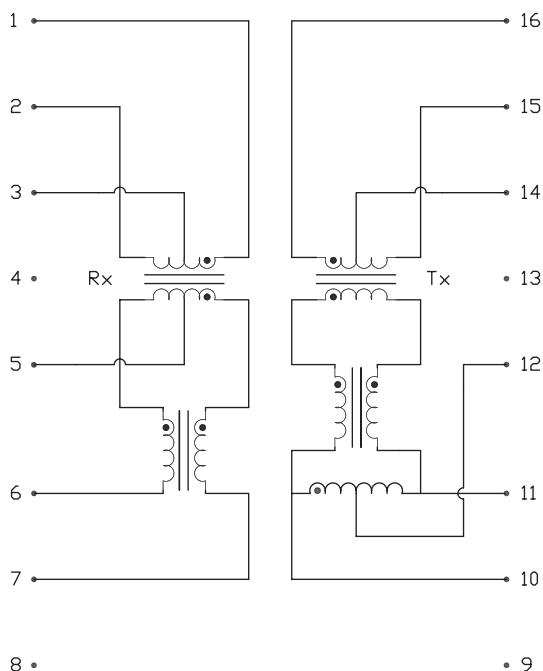
sales@integrated-circuit.com

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

ELECTRICAL CHARACTERISTICS @25°C



SCHEMATIC



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

1CT : 1CT
1CT : 1.414CT

POLARITY

PER DOT CONVENTION

DCL
(6-7) ; (10-11)

350uH MIN @100kHz 100mV
WITH 8mA DC BIAS

INSERTION LOSS

1.2dB MAX AT 100kHz TO 100MHz

RETURN LOSS
MEASURED UNDER 100Ω
±15% ENVIRONMENT

FREQ (MHz)	1	10	30	60	80	100
dB MIN	20	20	18	14	13	10

CMDR

1MHz
10MHz
50MHz
100MHz
200MHz

65dB MIN
50dB MIN
35dB MIN
25dB MIN
20dB MIN

CROSSTALK

30dB MIN AT 100kHz TO 100MHz

COMMON TO COMMON MODE

1MHz
10MHz-50MHz
100MHz-200MHz

50dB MIN
30dB MIN
20dB MIN

HIPOT

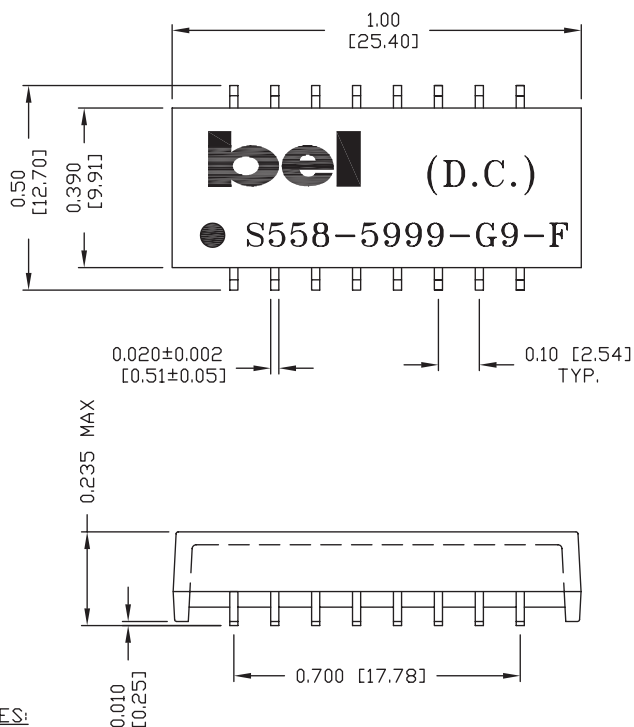
PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE ELECTRICAL SPECIFICATION S558-5999-G9-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS ARE A CONNECTED PLANET
CH CHAN	09-10-09		X5585999G9-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
XJ WANG	09-10-09		X5585999G9FB.DWG	.XX			PAGE : 2	
			.XXX					

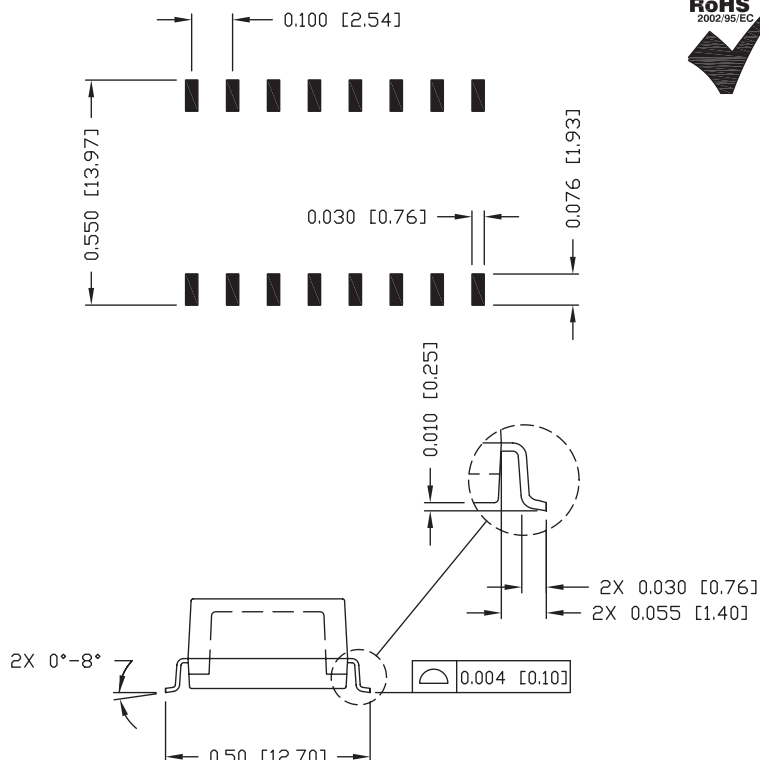
DC002(2)051509

This document is electronically generated. This is a controlled copy if used internally

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



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.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
CH CHAN	09-10-09	MECHANICAL DRAWING S558-5999-G9-F	X5585999G9-F	.X	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.XX ±0.01	SCALE : N/A	SIZE : A4
XJ WANG	09-10-09		X5585999G9FB.DWG	.XXX ±0.005	SCALE : N/A	PAGE : 3

