

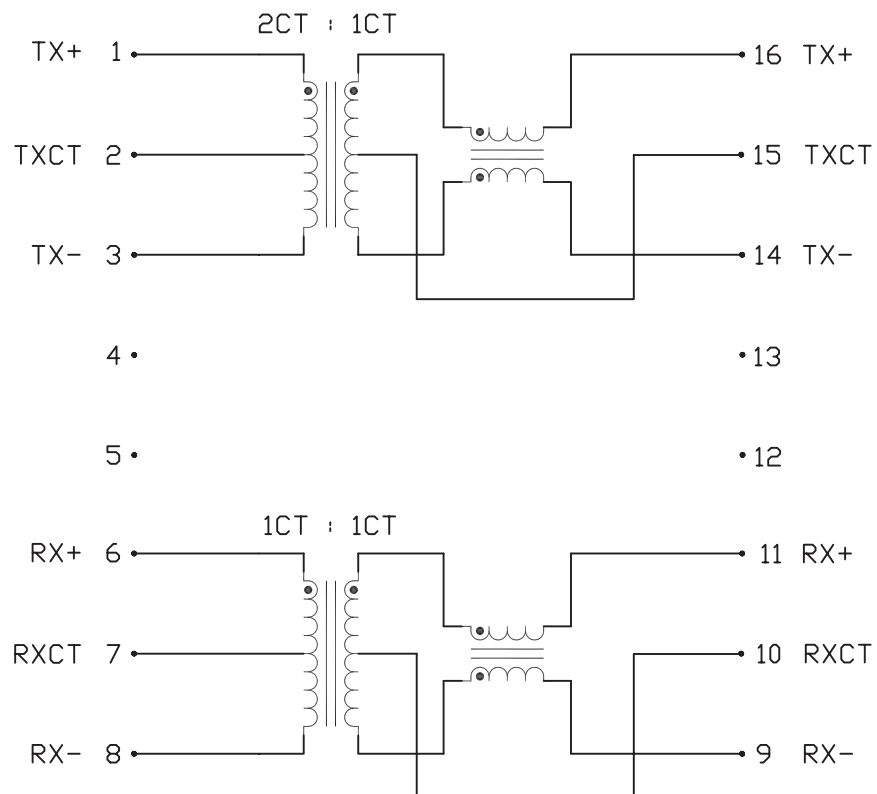
THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS
2002/95/EC



ELECTRICAL SPECIFICATIONS @25°C

SCHEMATIC



URNS RATIO

Tx 1-2-3 : 16-15-14

Rx 6-7-8 : 11-10-9

2CT : 1CT

1CT : 1CT

POLARITY

PER DOT CONVENTION

□CL

(16-14) : (11-9)

350μH MIN.

@100kHz, 100mVrms
WITH 8mA DC BIAS

LEAKAGE INDUCTANCE, L_e

(16-14) short (1-3)

(11-9) short (6-8)

300nH MAX.

@1MHz, 20mVrms

INTERWINDING CAPACITANCE, C_{ww}

(1-3) TO (16-14)

(6-8) TO (11-9)

25pF MAX.

@1MHz, 20mVrms

INSERTION LOSS

300kHz-100MHz

1.2dB MAX

RETURN LOSS

300kHz-30MHz

30MHz-60MHz

60MHz-80MHz

16dB MIN

16-20 LOG(f/30MHz) dB MIN

10dB MIN

CROSSTALK

300kHz-100MHz

35dB MIN

CM TO CM REJ.

300kHz-100MHz

30dB MIN


CM TO DM REJ.

300kHz-100MHz

40dB MIN

HIPOT

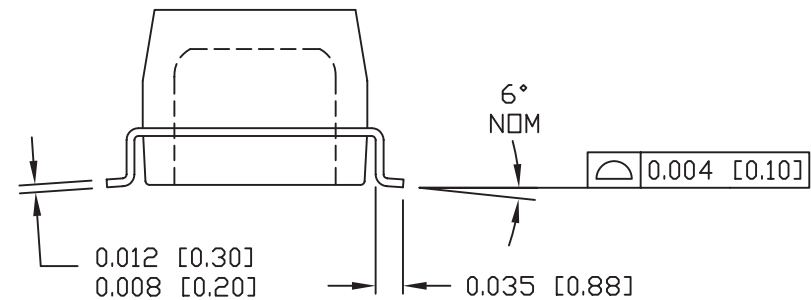
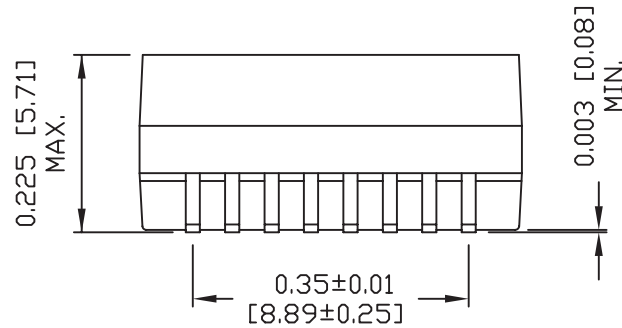
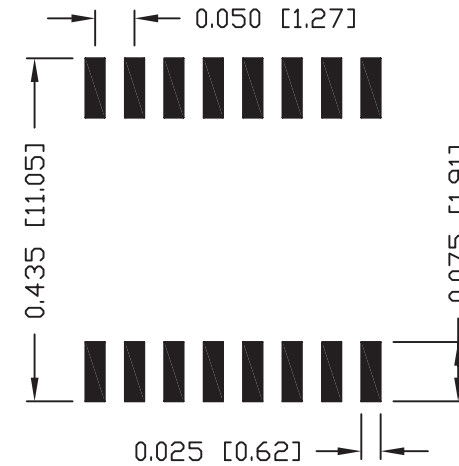
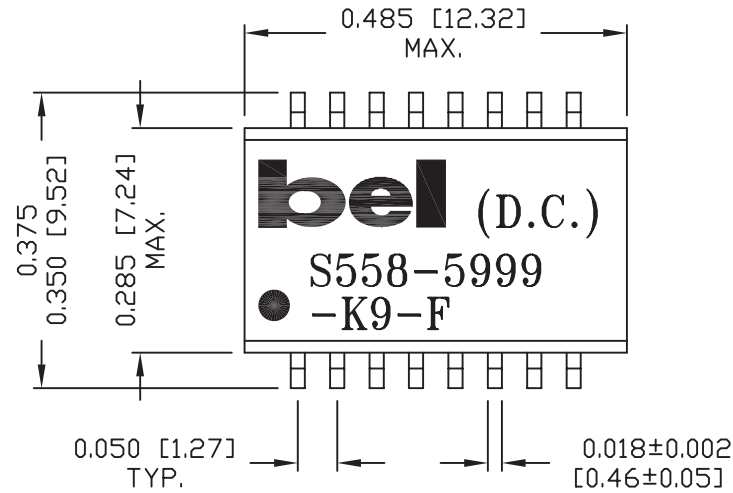
PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHAN CH	08-04-09	ELECTRICAL SPECIFICATION S558-5999-K9-F	X5585999K9-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
JM CHEN	08-04-09	X5585999K9F.B.DWG	.XX			PAGE : 2	

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 DDC. HAND-WORK-04.
2. PACKAGE CODE: "QBS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET	
CHAN CH	08-04-09	MECHANICAL OUTLINE	X5585999K9-F	.X	UNIT : INCH [mm]		REV. : B
DRAWN BY	DATE	S558-5999-K9-F	FILE NAME	.XX ±0.01	SCALE : N/A		SIZE : A4
JM CHEN	08-04-09		X5585999K9FB.DWG	.XXX ±0.005			PAGE : 3