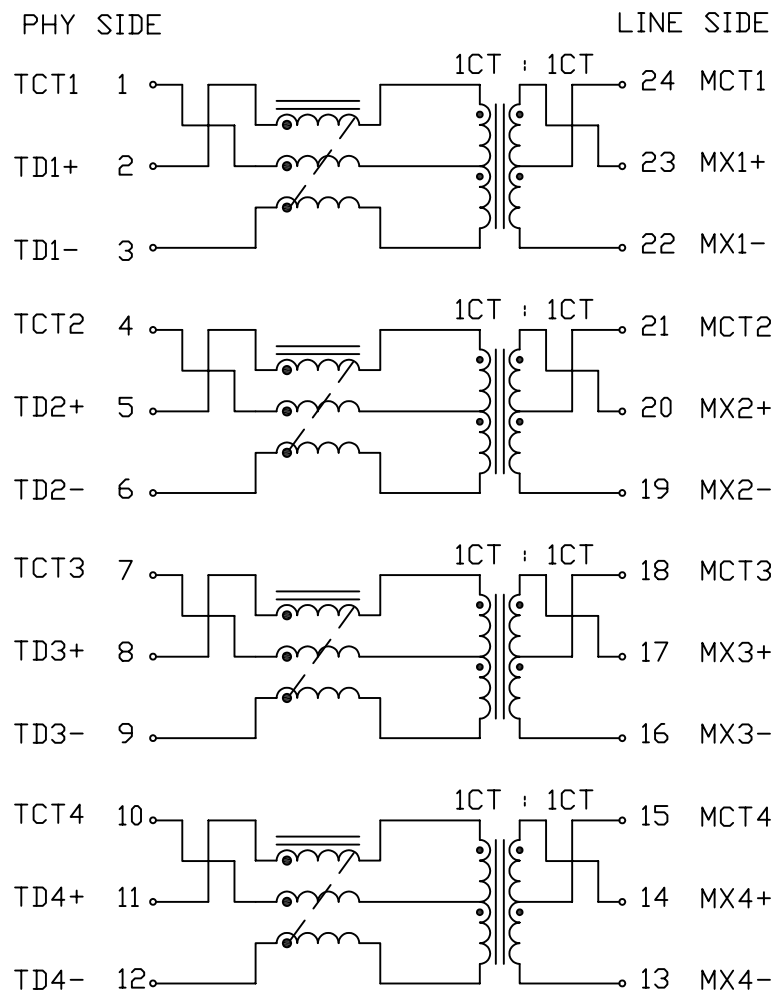


PRELIMINARY

SCHEMATIC



ELECTRICAL CHARACTERISTICS @25°C

RoHS
2002/95/EC



URNS RATIO

(2-1-3) : (23-24-22)

1CT : 1CT ±2%

(5-4-6) : (20-21-19)

1CT : 1CT ±2%

(8-7-9) : (17-18-16)

1CT : 1CT ±2%

(11-10-12) : (14-15-13)

1CT : 1CT ±2%

CL

-40°C TO +85°C

100kHz, 100mV

-40°C TO +85°C

350uH MIN WITH 11mA DC BIAS

120uH MIN WITH 19mA DC BIAS

INTERWINDING CAPACITANCE, Cw/w

@1MHz, 20mV

30pF MAX

INSERTION LOSS

0.3MHz - 1MHz

1.1dB MAX

1MHz - 65MHz

0.8dB MAX

65MHz - 100MHz

1.0dB MAX

100MHz - 125MHz

1.2dB MAX

RETURN LOSS @100ΩHM

0.5MHz - 40MHz

18dB MIN

40MHz - 100MHz

12-20LOG(f/80MHz)dB MIN

CROSSTALK

0.3MHz - 100MHz

33-20LOG(f/100MHz)dB MIN

CM TO CM REJ

0.3MHz - 100MHz

30dB MIN

CM TO DM REJ

0.3MHz - 100MHz

35dB MIN

BALANCED DC LINE CURRENT

720mA MAX @57VDC CONTINUOUS

1.2A MAX @57VDC FOR 200mS

HIPOT

1500 Vrms

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
CHAN CH	03-06-09	ELECTRICAL SPECIFICATION	S558-5500-68	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.X	REV. : PB
YH Lai	03-06-09		S558550068PB.DWG	.XX	SCALE : N/A
				.XXX	SIZE : A4
					PAGE : 2

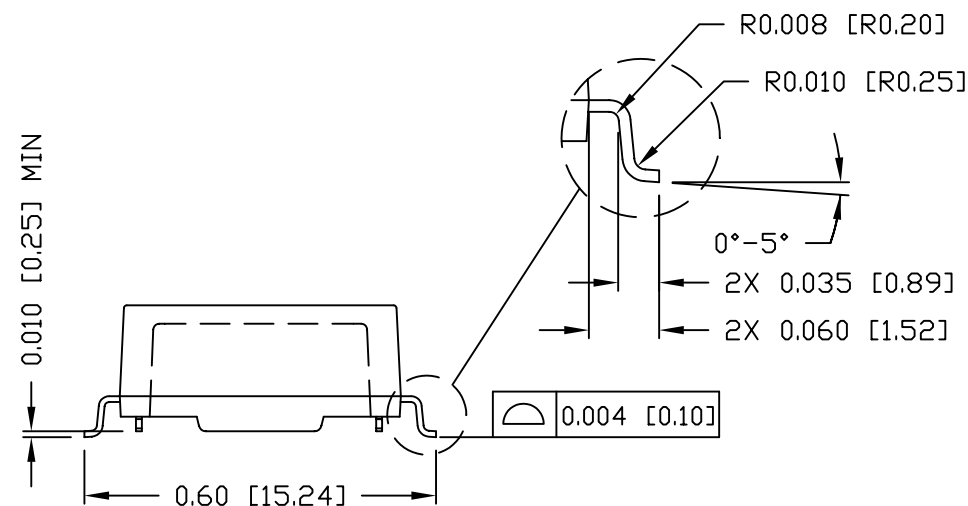
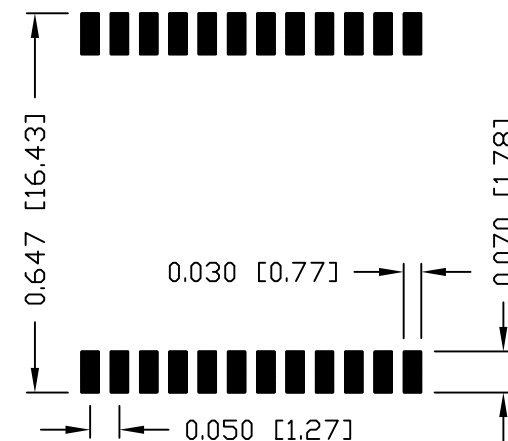
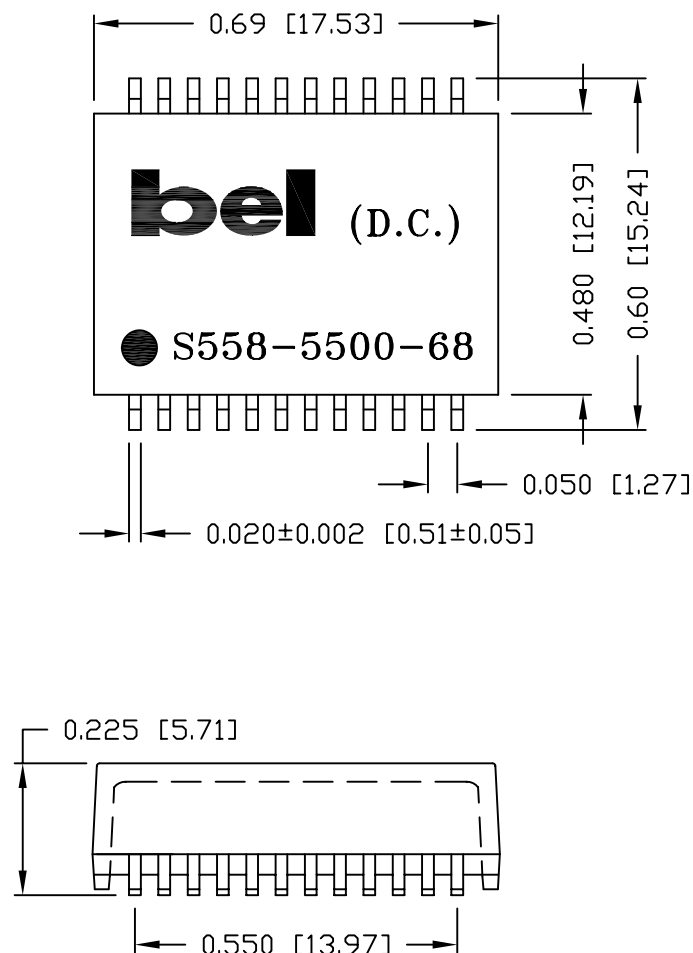


THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

PRELIMINARY

SUGGESTED PCB PAD LAYOUT

RoHS
2002/95/EC



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "RQS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
LAWRENCE TSANG	03-06-09	MECHANICAL OUTLINE	S558-5500-68	TOL. IN INCH	UNIT : INCH [mm]	REV. : PB
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
YH Lai	03-06-09		S558550068PB.DWG	.XX ±0.01		PAGE : 3
				.XXX ±0.005		

