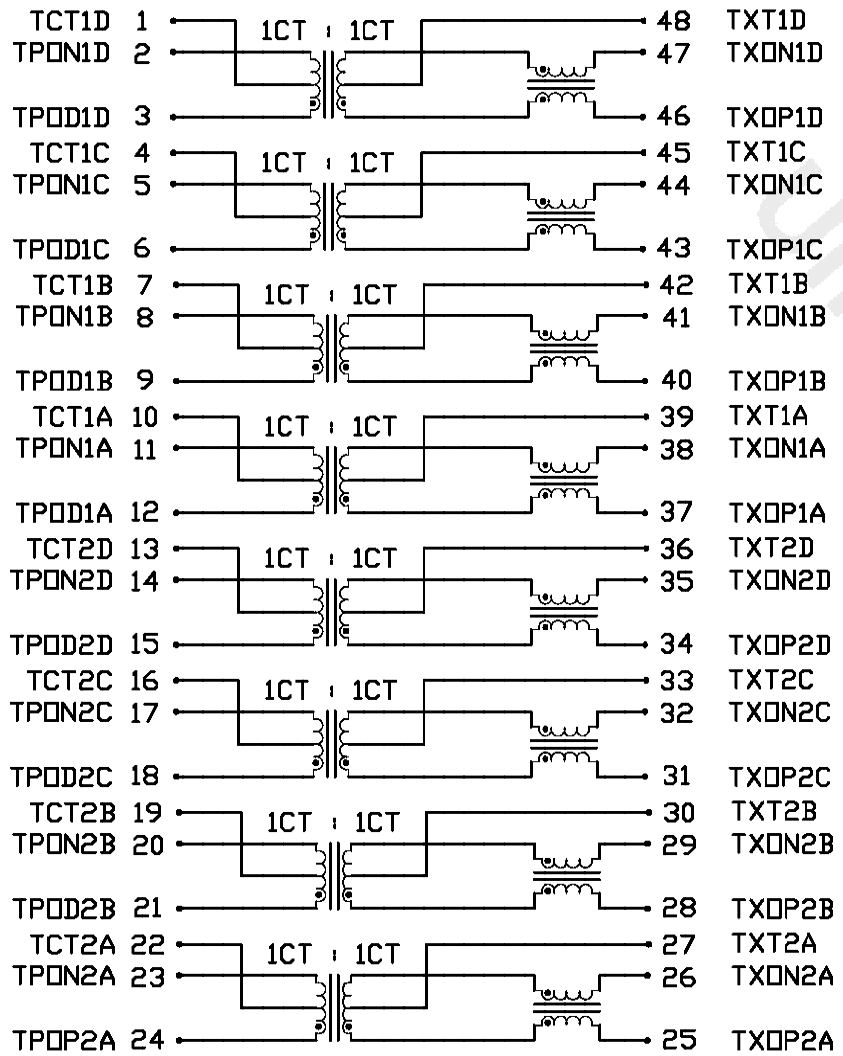


THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

1CT : 1CT ±2%

QCL

350μH MIN. @100kHz, 100mV, WITH 8mA D.C. BIAS
PIN (46-47), (43-44), (40-41), (37-38)
PIN (34-35), (31-32), (28-29), (25-26)

INSERTION LOSS

FREQ.	1MHz	65MHz	100MHz	125MHz
MAX.	0.8dB	0.8dB	1.0dB	1.5dB

RETURN LOSS
MEASURED UNDER A
100 Ω ENVIRONMENT

FREQ.	500KHz	40MHz	60MHz	80MHz	100MHz
MIN.	18dB	15dB	13dB	10dB	9dB

COMMON TO COMMON
MODE REJECTION

30dB MIN. @ 0.1 TO 100MHz

CROSSTALK

33-20LOG(f/100MHz)dB MIN. @ 1 TO 100MHz

HIPOT

PER HAND-WORK-03

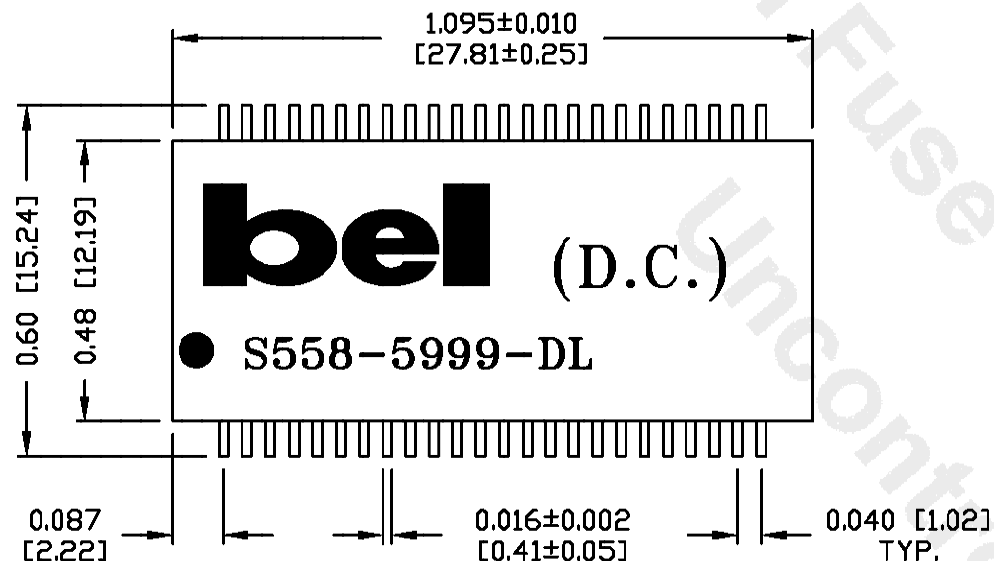
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
Alice Pang	2014-02-21	ELECTRICAL SPECIFICATION	S558-5999-DL	TOL. IN INCH	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE	S558-5999-DL	FILE NAME	.X	SCALE : N/A SIZE : A4
ZC Guo	2014-02-21		S5585999DLA.DWG	.XX	⊕
				.XXX	⊖
					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.

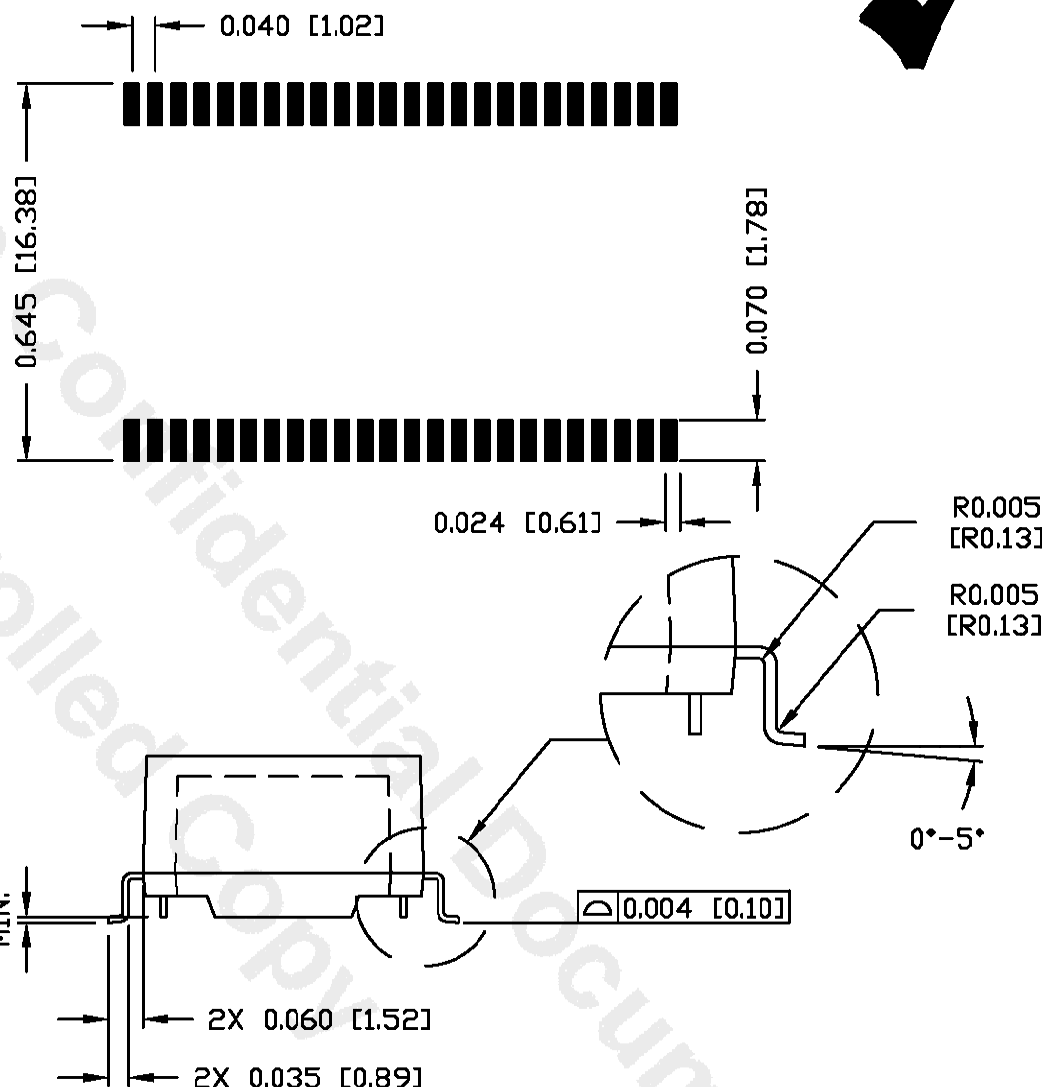
SUGGESTED PCB PAD LAYOUT

RoHS



NOTES:

- STANDARD MARKING REFER TO DDC. HAND-WORK-04.
- PACKAGE CODE: "QVS001".



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
Alice Pang	2014-02-21	MECHANICAL DRAWING	S558-5999-DL	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE	S558-5999-DL	FILE NAME	.XX	SCALE : N/A	SIZE : A4
ZC Guo	2014-02-21		S5585999DLA.DWG	.XXX		PAGE : 3

