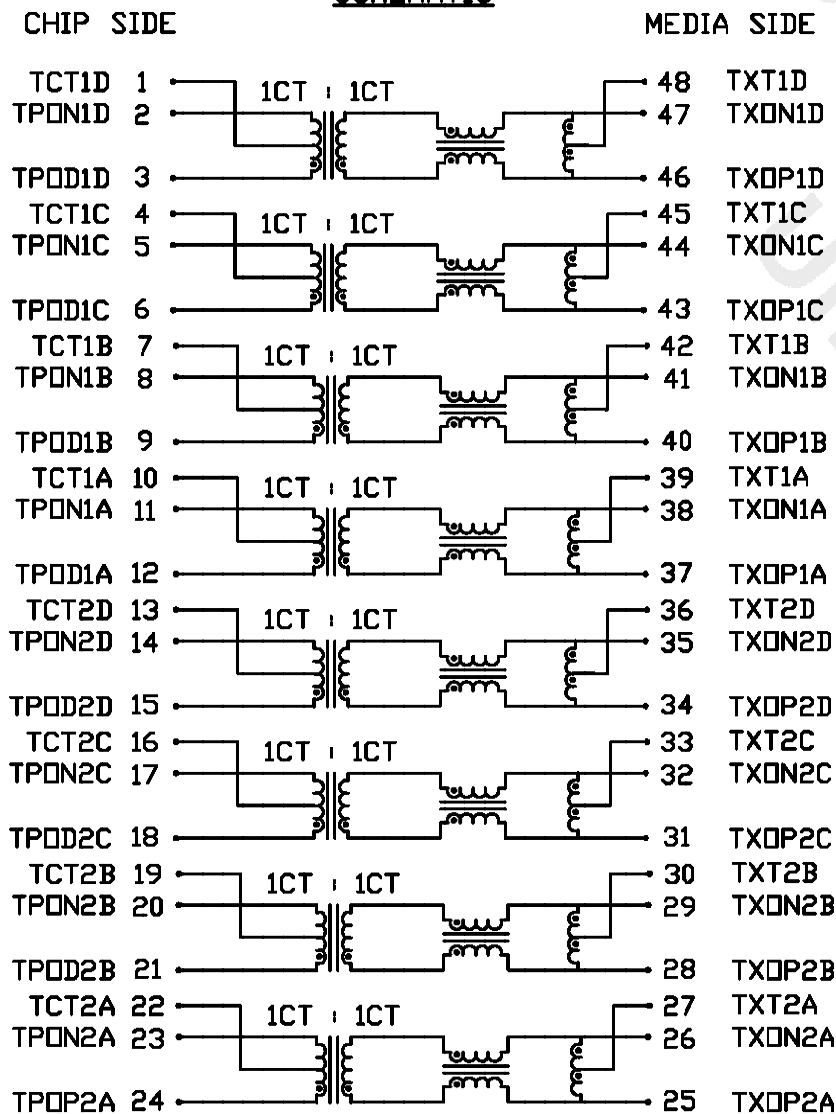


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**SCHEMATIC**



**ELECTRICAL CHARACTERISTICS @25°C**

URNS RATIO

CHIP SIDE : MEDIA SIDE 1CT : 1CT

POLARITY

PER DOT CONVENTION

OCL

350µH MIN

MEDIA SIDE

@100kHz, 100mV, WITH 8mA DC BIAS

INSERTION LOSS

FREQ	1MHz	65MHz	100MHz	125MHz
MAX	1.1dB	0.6dB	0.9dB	1.5dB

RETURN LOSS

18dB MIN @0.5 TO 40MHz

MEASURED UNDER

12-20LOG(f/80MHz)dB MIN @40 TO 100MHz

100Ohm ENVIRONMENT

COMMON TO COMMON

30dB MIN @1 TO 100MHz

MODE REJECTION

CROSSTALK

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

HIPOT

PER HAND-WORK-03

OPERATING TEMPERATURE

-40°C TO +85°C

ORIGINATED BY CH CHAN  
DATE 06-05-10  
DRAWN BY HY ZHANG  
DATE 06-05-10

TITLE  
ELECTRICAL SPECIFICATION

PART NO. / DRAWING NO. S558-5999-DC  
FILE NAME S5585999DCA.DWG

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

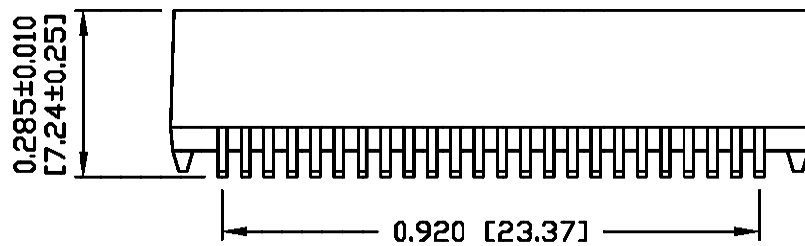
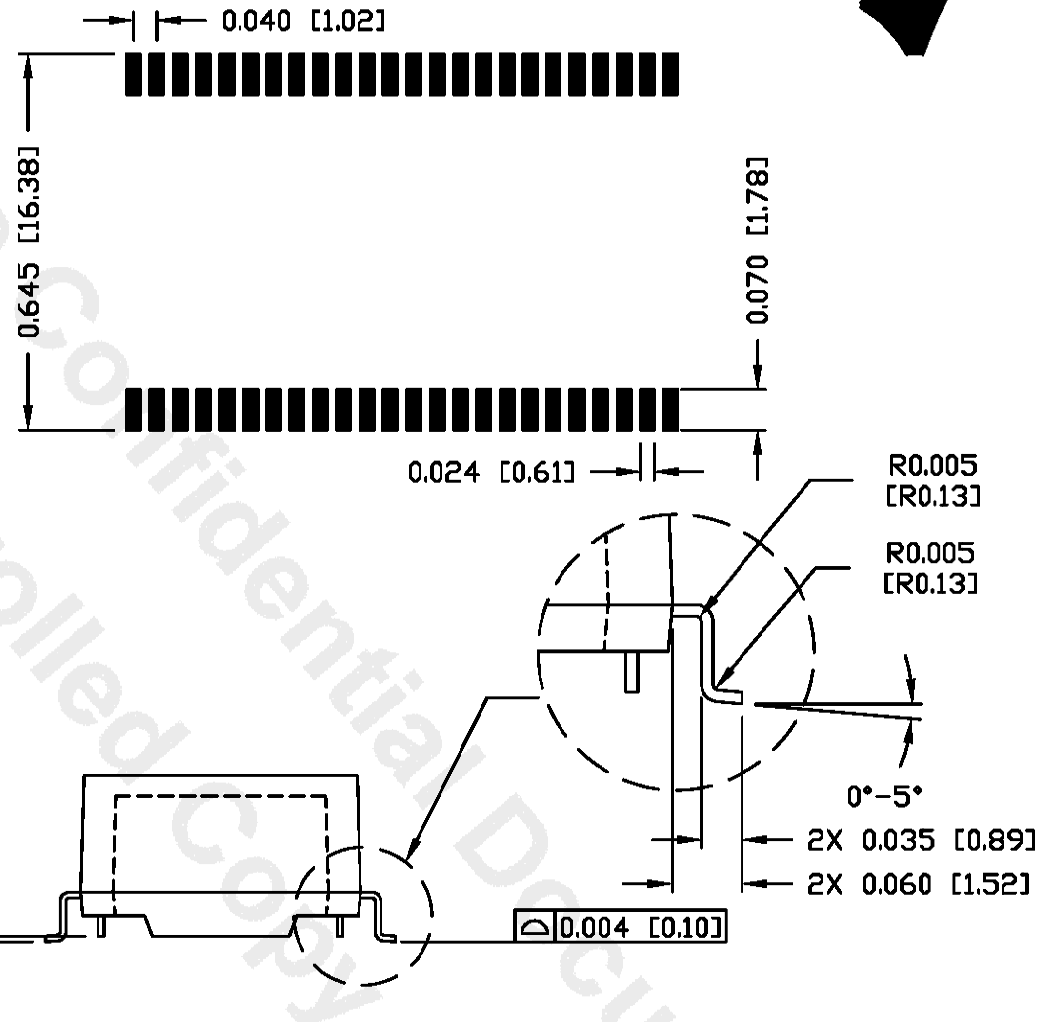
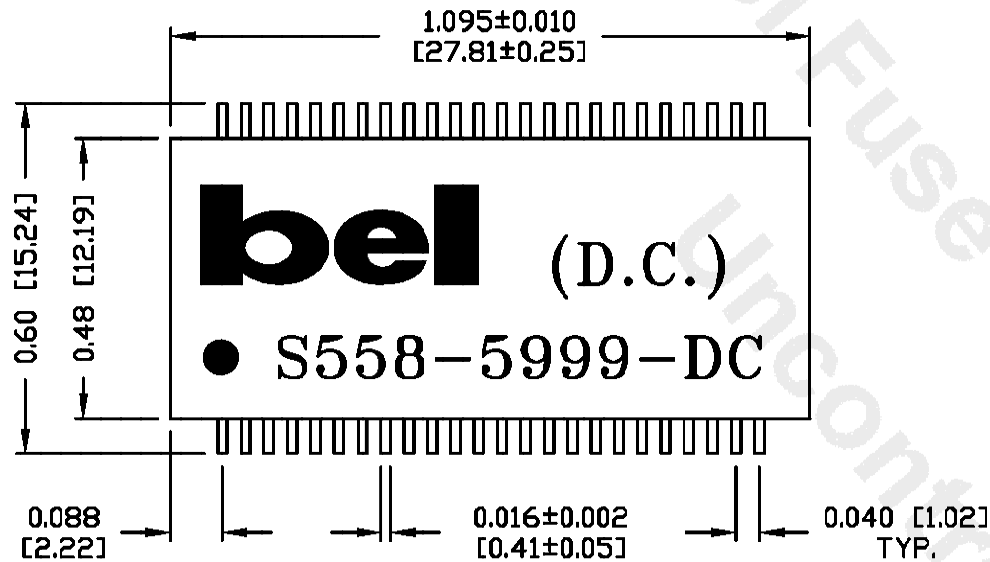
[ ] METRIC DIM. AS REFERENCE  
UNIT : INCH [mm]  
SCALE : N/A  
REV. : A  
SIZE : A4  
PAGE : 2



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SUGGESTED PCB PAD LAYOUT



NOTES:

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

ORIGINATED BY LAWRENCE TSANG	DATE 06-05-10	TITLE MECHANICAL OUTLINE	PART NO. / DRAWING NO. S558-5999-DC	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY HY ZHANG	DATE 06-05-10		FILE NAME S5585999DCA.DWG	.X	UNIT : INCH [mm]	
			.XX ±0.01	SCALE : N/A	SIZE : A4	
			.XXX ±0.005		PAGE : 3	