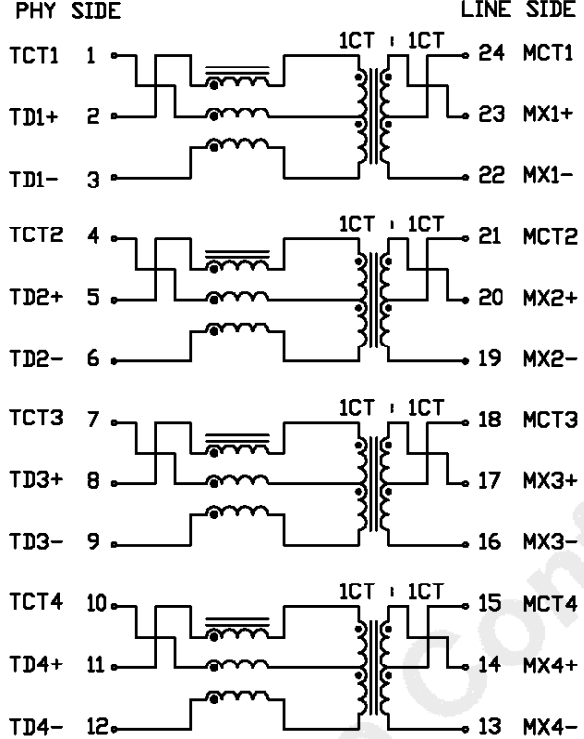


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**ELECTRICAL CHARACTERISTICS @25°C**



**SCHEMATIC**



**TURNS 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%

**POLARITY**

PER DOT CONVENTION

**□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, C<sub>ww</sub>**

@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

**HIPDT**

LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC

**DC RESISTANCE**

<2-3>, <5-6>, <8-9>, <11-12>	1.00 ΩHM MAX
<1-3>, <4-6>, <7-9>, <10-12>	0.75 ΩHM MAX
<23-22>, <20-19>, <17-16>, <14-13>	0.50 ΩHM MAX
<24-22>, <21-19>, <18-16>, <15-13>	0.30 ΩHM MAX

REV. : D      PAGE : 2

<b>ORIGINATED BY</b>	<b>DATE</b>	<b>TITLE</b>  ELECTRICAL SPECIFICATION
Alice Pang	2020-06-29	
<b>DRAWN BY</b>	<b>DATE</b>	
ZC Guo	2020-06-29	

<b>PART NO. / DRAWING NO.</b>	S558-5500-68
<b>FILE NAME</b>	S558550068D.DWG

<b>STANDARD DIM.</b>	[ ] METRIC DIM. AS REF.
<b>TOL. IN INCH</b>	UNIT : INCH [mm]
.X	SCALE : N/A
.XX	
.XXX	
	SIZE : A4

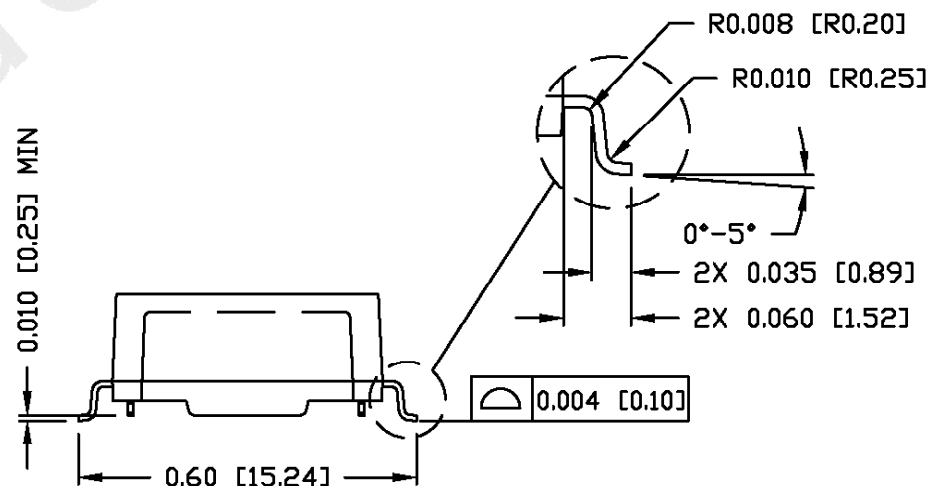
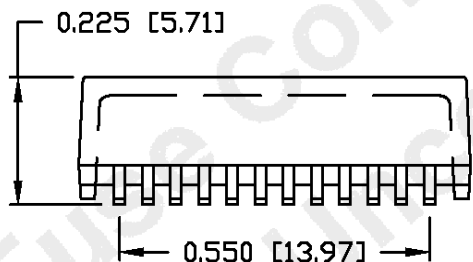
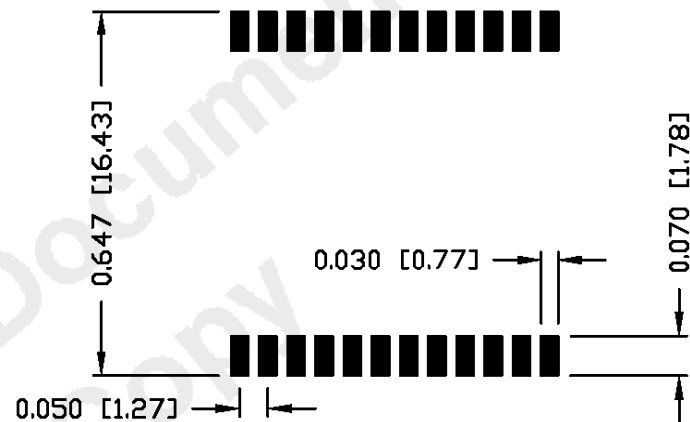
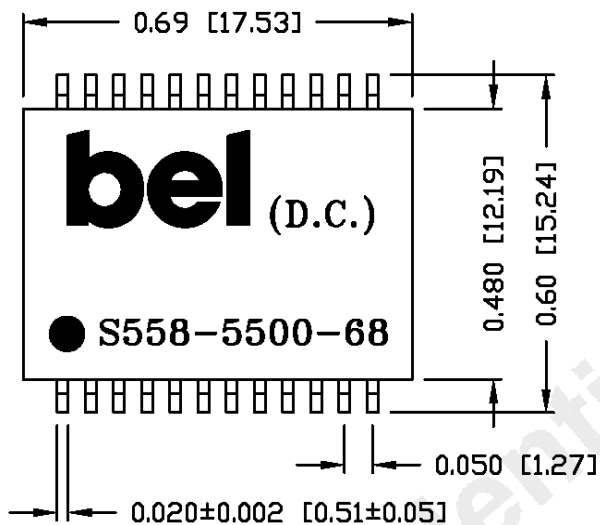


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RoHS



SUGGESTED PCB PAD LAYOUT



NOTES:

- STANDARD MARKING REFER TO DDC. HAND-WORK-04.
- PACKAGE CODE: 'RQS001'.

REV. : C PAGE : 3

ORIGINATED BY	DATE
Lawrence Tsang	2015-01-28
DRAWN BY	DATE
ZC Guo	2015-01-28

TITLE
MECHANICAL OUTLINE

PART NO. / DRAWING NO.
S558-5500-68
FILE NAME
S558550068C.DWG

STANDARD DIM.	[ ] METRIC DIM. AS REF.
TOL. IN INCH	UNIT : INCH [mm]
.X	
.XX	±0.01
.XXX	±0.005

SCALE : N/A
SIZE : A4

