

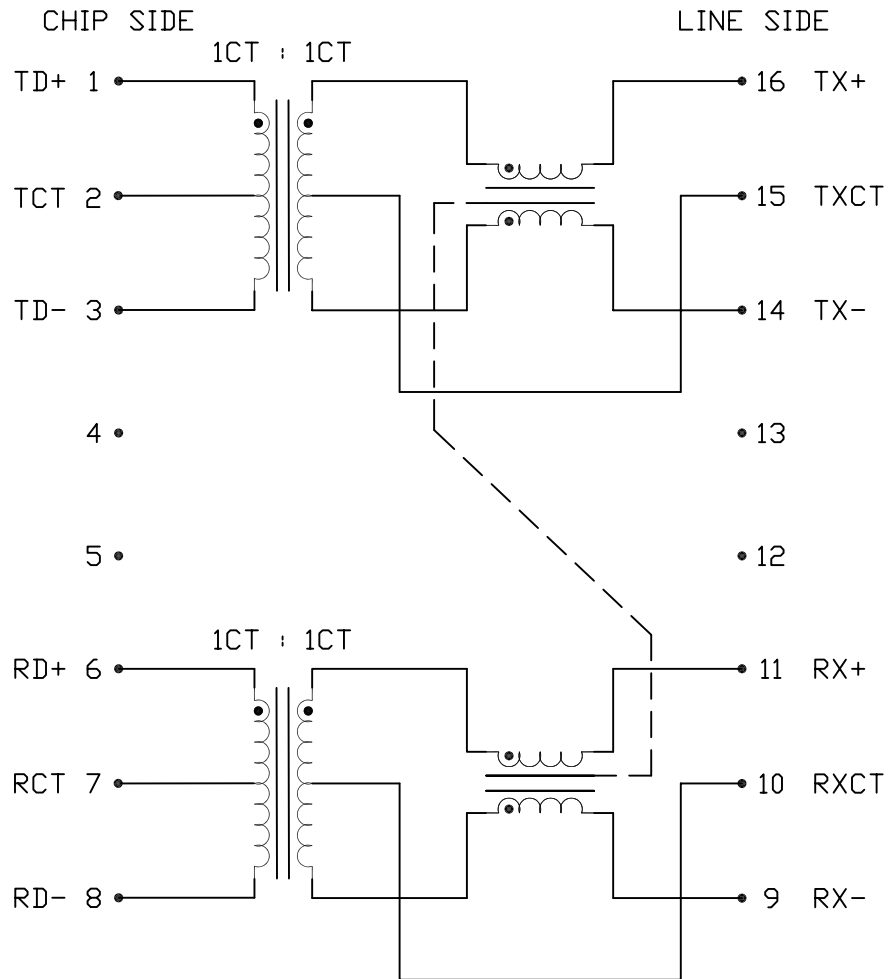
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# ELECTRICAL CHARACTERISTICS @ 25°C

RoHS



## SCHEMATIC



## TURNS RATIO

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

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

## □CL (0°~70°C)

Tx PIN 1-3 □PEN 16-14

Rx PIN 6-8 □PEN 11-9

## LEAKAGE INDUCTANCE, $L_L$

Tx PIN 1-3 SHORT 16-14

Rx PIN 6-8 SHORT 11-9

## INTERWINDING CAPACITANCE, $C_w/w$

Tx PIN 1-3 TO 16-14

Rx PIN 6-8 TO 11-9

## DCR

PIN (1-3) ; (6-8)

## INSERTION LOSS

1 MHz TO 100 MHz

## RETURN LOSS

1 MHz - 30 MHz

30 MHz - 60 MHz

60 MHz - 80 MHz

## COMMON TO DIFFERENTIAL

100 kHz - 100 MHz

## CROSSTALK

100 kHz - 100 MHz

## HIPOT

1CT : 1CT

1CT : 1CT

350  $\mu$ H MIN.

@ 100kHz, 100mVrms

WITH 8mA DC BIAS

0.30  $\mu$ H MAX.

@ 1MHz, 20mV

30 pF MAX.

@ 1MHz, 20mV

1.1  $\square$ hm MAX.

1.2 dB MAX.

18 dB MIN.

18-20 LOG (f/30MHz)

12 dB MIN.

35 dB MIN.

35 dB MIN.

PER HAND-WORK-03

REV. : B

PAGE : 2

ORIGINATED BY	DATE
Alice Pang	2015-01-23
DRAWN BY	DATE
ZC Guo	2015-01-23

TITLE
VOIP INTERFACE MODULE
S558-5500-25-F

PART NO. / DRAWING NO.
X558550025-F
FILE NAME
X558550025FB.DWG

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

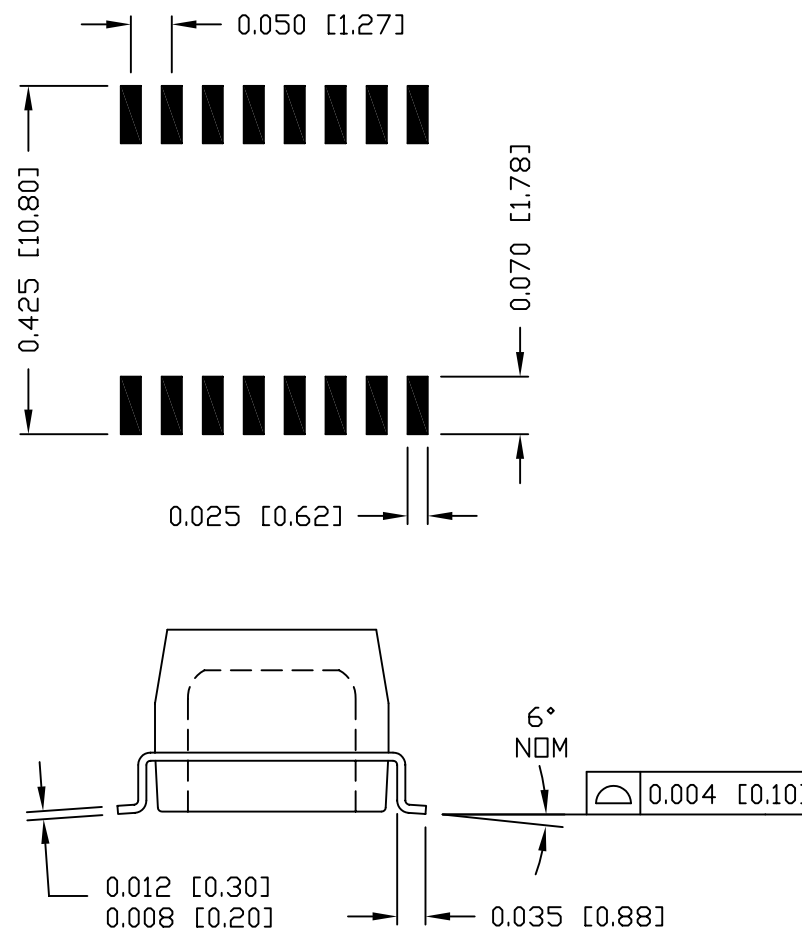
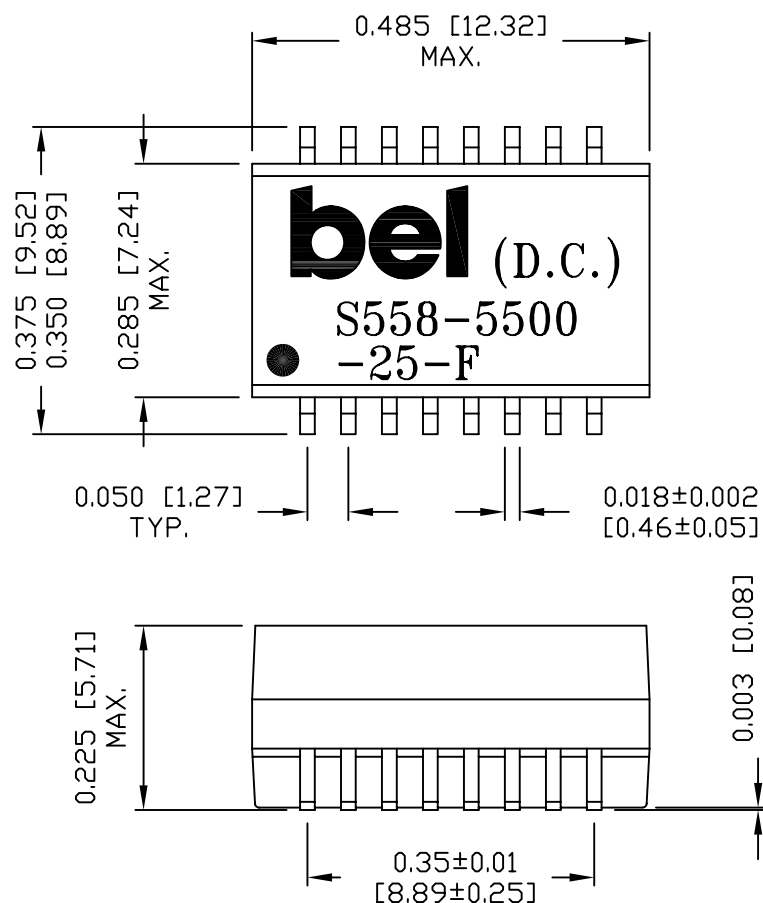


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# SUGGESTED PCB PAD LAYOUT



## NOTES:

- STANDARD MARKING REFER TO DDC. HAND-WORK-04.
- PACKAGE CODE: "QBS001".

REV. : B PAGE : 3

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[ ] METRIC DIM. AS REF.
Lawrence Tsang	2015-01-23	MECHANICAL DRAWING S558-5500-25-F	X558550025-F	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A
ZC Guo	2015-01-23		X558550025F B.DWG	.XX ±0.01	SIZE : A4
				.XXX ±0.005	



# Mouser Electronics

Authorized Distributor

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Bel:

[S558-5999-90-F](#) [S558-5500-25-F](#)