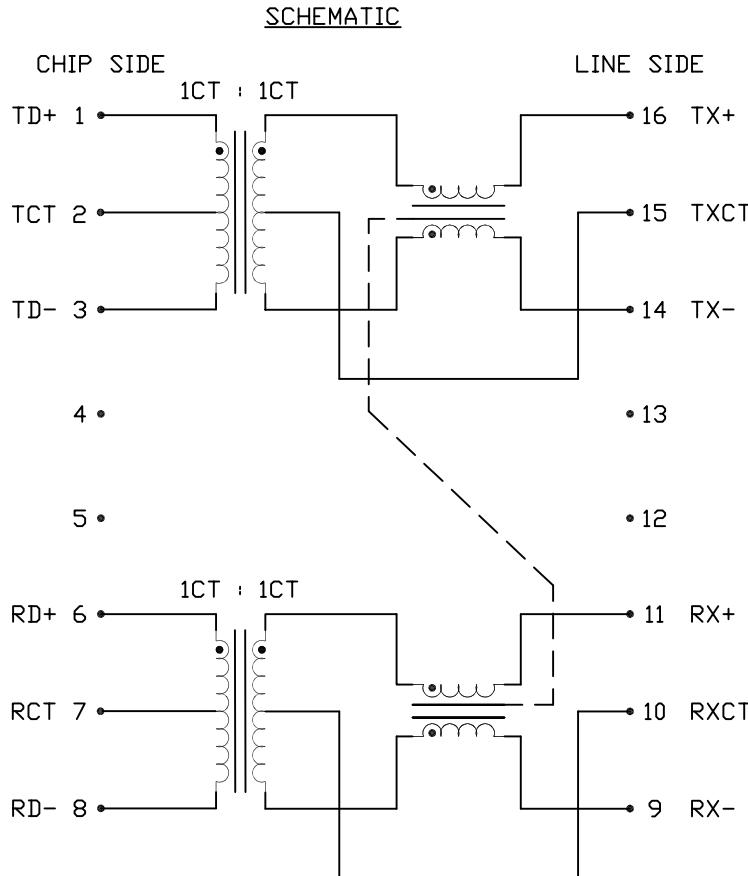


THE INFORMATION CONTAINED HEREIN IS CONSIDERED
‘PROPRIETARY’ TO BEL FUSE INC. AND SHALL NOT BE
COPIED, REPRODUCED OR DISCLOSED WITHOUT THE
WRITTEN APPROVAL OF BEL FUSE INC.

RoHS



ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

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

1CT : 1CT

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

1CT : 1CT

ΔCL (0°~70°C)

Tx PIN 1-3 OPEN 16-14

350 μH MIN.

Rx PIN 6-8 OPEN 11-9

@ 100kHz, 100mVrms
WITH 8mA DC BIAS

LEAKAGE INDUCTANCE, L_L

Tx PIN 1-3 SHORT 16-14

0.30 μH MAX.

Rx PIN 6-8 SHORT 11-9

@ 1MHz, 20mV

INTERWINDING CAPACITANCE, C_{w/w}

30 pF MAX.

@ 1MHz, 20mV

Tx PIN 1-3 TΩ 16-14

1.1 Ωhm MAX.

Rx PIN 6-8 TΩ 11-9

1.2 dB MAX.

DCR

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

1.1 Ωhm MAX.

INSERTION LOSS

1 MHz TΩ 100 MHz

1.2 dB MAX.

RETURN LOSS

1 MHz - 30 MHz

18 dB MIN.

30 MHz - 60 MHz

18-20 LOG (f/30MHz)

60 MHz - 80 MHz

12 dB MIN.

COMMON TO DIFFERENTIAL

35 dB MIN.

100 kHz - 100 MHz

CROSSTALK

35 dB MIN.

100 kHz - 100 MHz

HIPOT

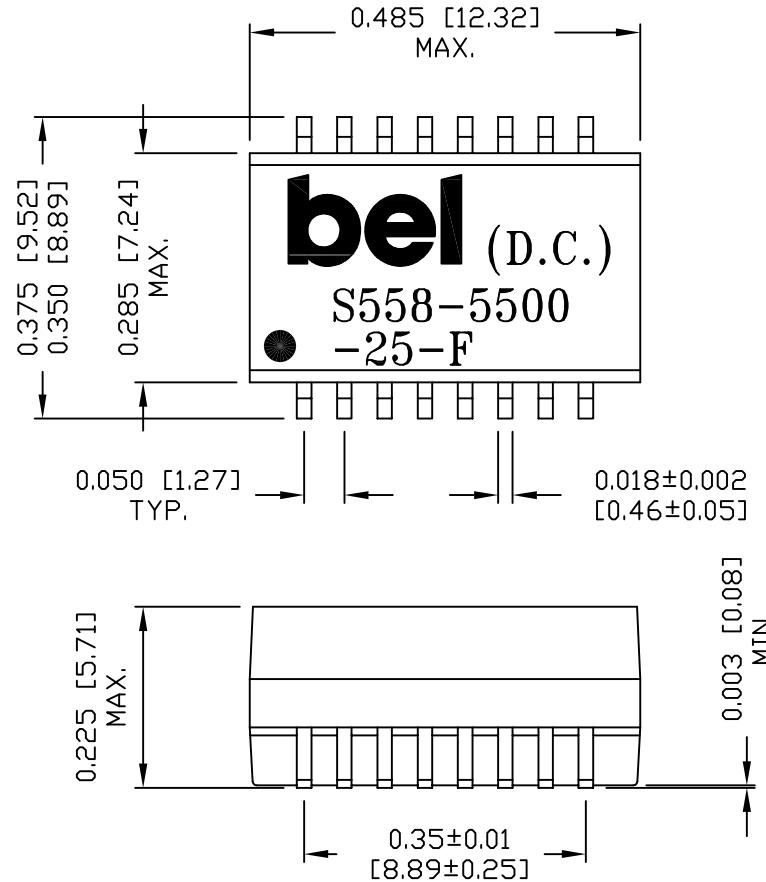
LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC

REV. : A	PAGE : 2
ORIGINATED BY	DATE
Alice Pang	2021-01-26
DRAWN BY	DATE
ZC Guo	2021-01-26
TITLE	PART NO. / DRAWING NO.
VoIP INTERFACE MODULE	S558-5500-25-F
S558-5500-25-F	STANDARD DIM.
	[] METRIC DIM. AS REF.
	TOL. IN INCH
.X	UNIT : INCH [mm]
.XX	SCALE : N/A
.XXX	SIZE : A4
	POWER PROTECT CONNECT

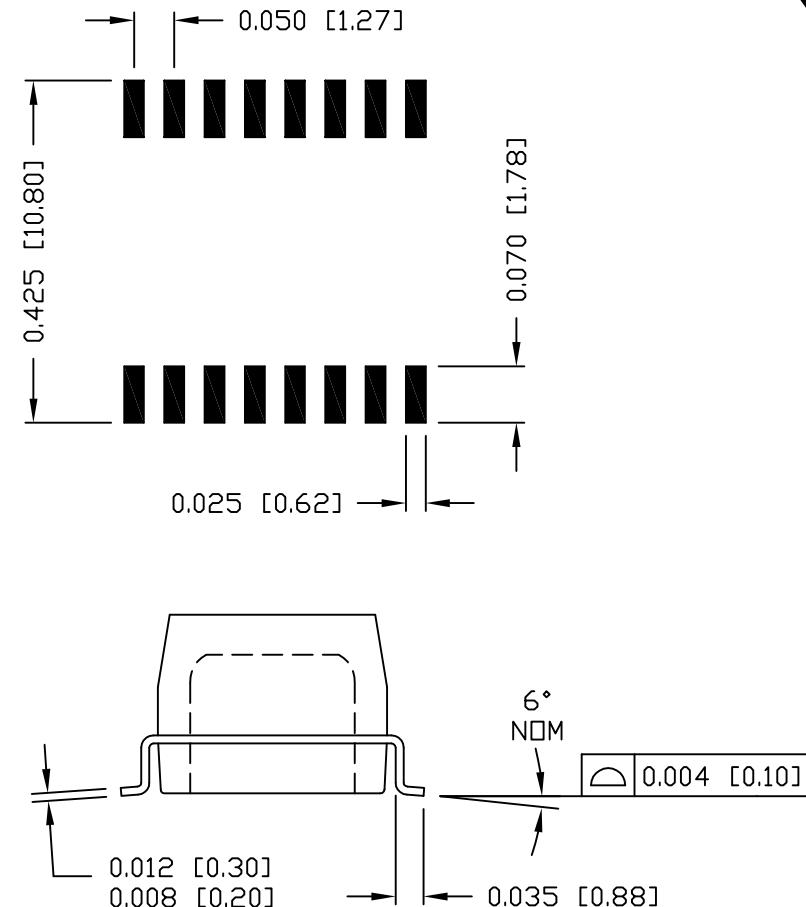


THE INFORMATION CONTAINED HEREIN IS CONSIDERED
"PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE
COPIED, REPRODUCED OR DISCLOSED WITHOUT THE
WRITTEN APPROVAL OF BEL FUSE INC.

RoHS

SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "QBS001".

REV. : A	PAGE : 3
ORIGINATED BY	DATE
Lawrence Tsang	2021-01-26
DRAWN BY	DATE
ZC Guo	2021-01-26
TITLE	PART NO. / DRAWING NO.
MECHANICAL DRAWING	S558-5500-25-F
FILE NAME	STANDARD DIM. TOL. IN INCH
S558550025FA.DWG	[] METRIC DIM. AS REF. UNIT : INCH [mm]
	.X
	.XX ±0.01
	.XXX ±0.005
	SCALE : N/A
	SIZE : A4

