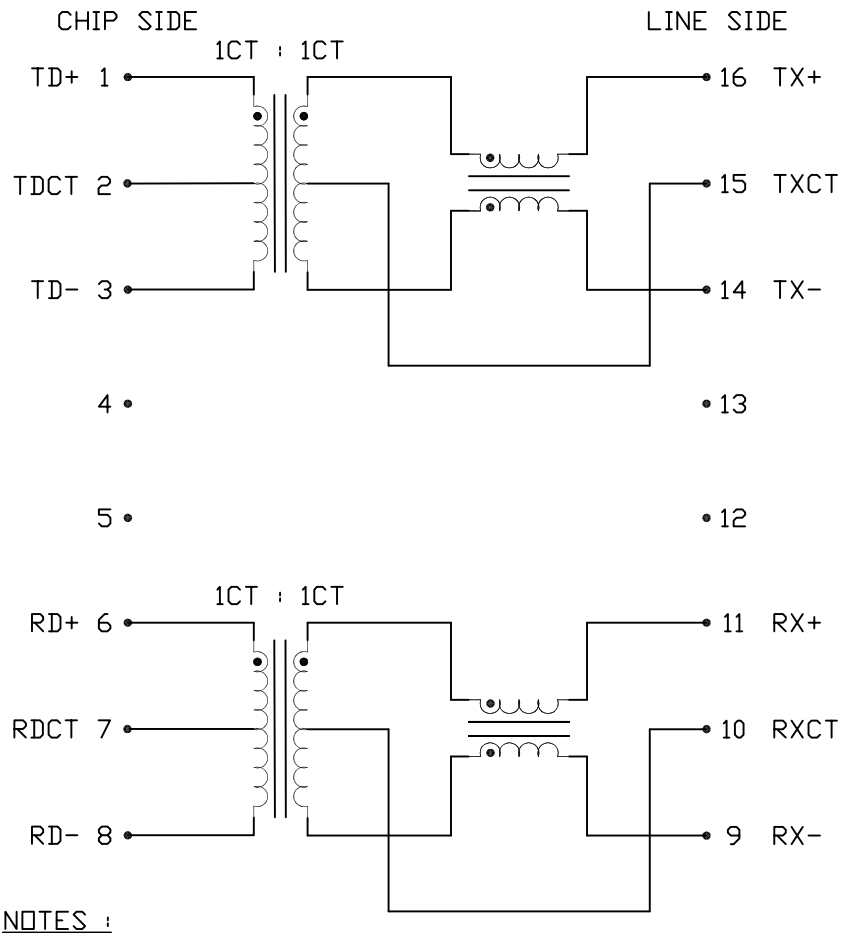
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SCHEMATIC



NOTES :

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ELECTRICAL CHARACTERISTICS @25°C

RoHS

TURNS RATIO	
1-2-3 : 16-15-14	1CT : 1CT
6-7-8 : 11-10-9	1CT : 1CT
POLARITY	PER DOT CONVENTION
OCL	350µH MIN
Tx PIN 1-3	@100kHz, 100mVrms
Rx PIN 6-8	w/8mA DC BIAS
LEAKAGE INDUCTANCE, Le	0.3µH MAX
CHIP SIDE WITH LINE SIDE SHORT	@1MHz, 20mVrms
INTERWINDING CAPACITANCE, Cw/w	30pF MAX
CHIP SIDE TO LINE SIDE	@1MHz, 20mVrms
DC RESISTANCE	
PIN (1-3) = (6-8)	1.1Ohm MAX
INSERTION LOSS	
300kHz - 80MHz	1.0dB MAX
RETURN LOSS	
300kHz - 30MHz	18dB MIN
30MHz - 60MHz	18-20LOG(F/30MHz) dB MIN
60MHz - 80MHz	12dB MIN
COMMON TO COMMON MODE REJ	40dB TYP
300kHz - 100MHz	
COMMON TO DIFFERENTIAL MODE REJ	40dB MIN
300kHz - 100MHz	
CROSSTALK	40dB MIN
300kHz - 100MHz	
HIPOT	LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC

OPERATING TEMPERATURE -40°C TO +85°C

REV. : A | PAGE : 2

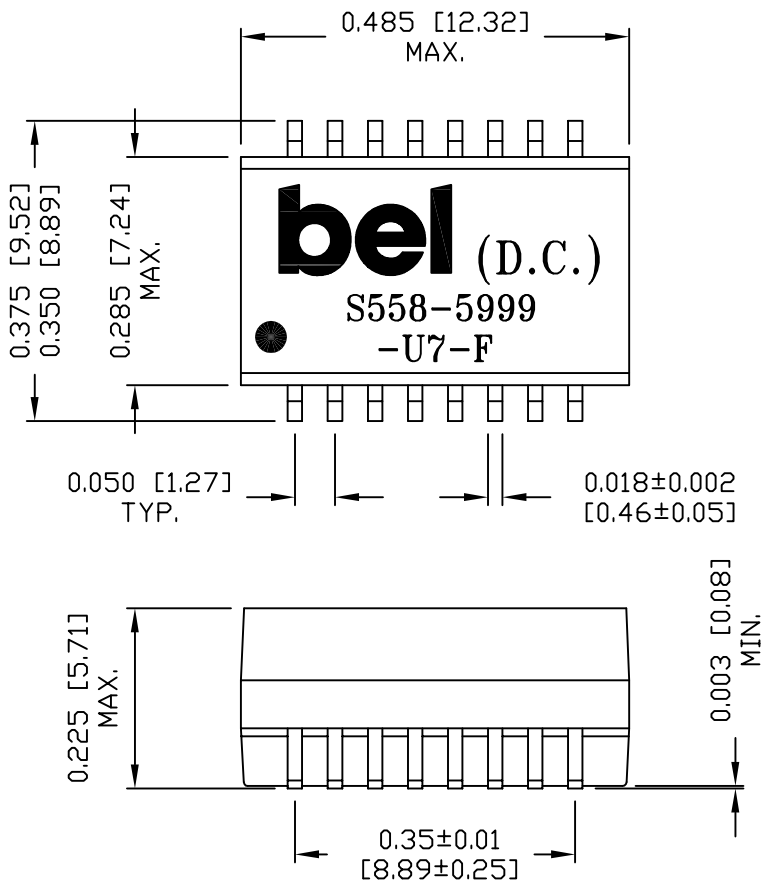
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DRAWN BY: ZC Guo	DATE: 2021-01-28		FILE NAME: S5585999U7FA.DWG		UNIT : INCH [mm]
					SCALE : N/A
					SIZE : A4

bel POWER | PROTECT | CONNECT

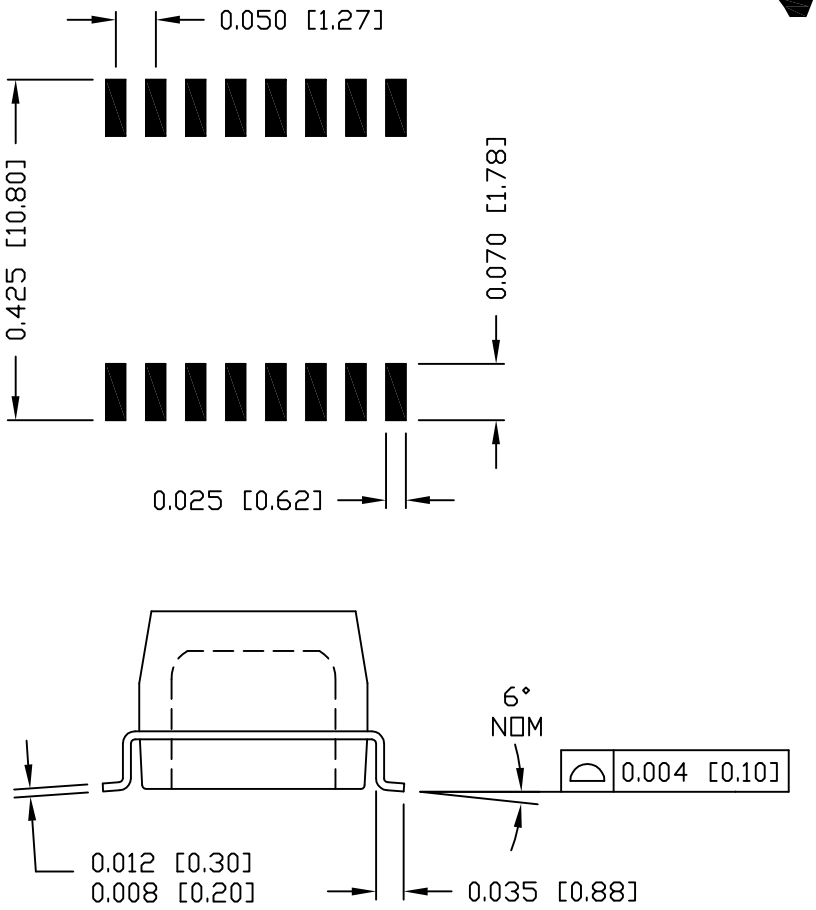
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RoHS



SUGGESTED PCB PAD LAYOUT



NOTES :

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "QBS001".
3. THIS PRODUCT HAS BEEN SUPPLYING TO JAPAN CUSTOMERS. PCN PROCESS NEEDS TO COMPLY WITH 4M CRITERIA.

REV. : A	PAGE : 3

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REF.
Lawrence Tsang	2021-01-28	MECHANICAL DRAWING S558-5999-U7-F	S558-5999-U7-F	.X / .XX ±0.01 / .XXX ±0.005	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME		SCALE : N/A
ZC Guo	2021-01-28		S5585999U7FA.DWG		SIZE : A4

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