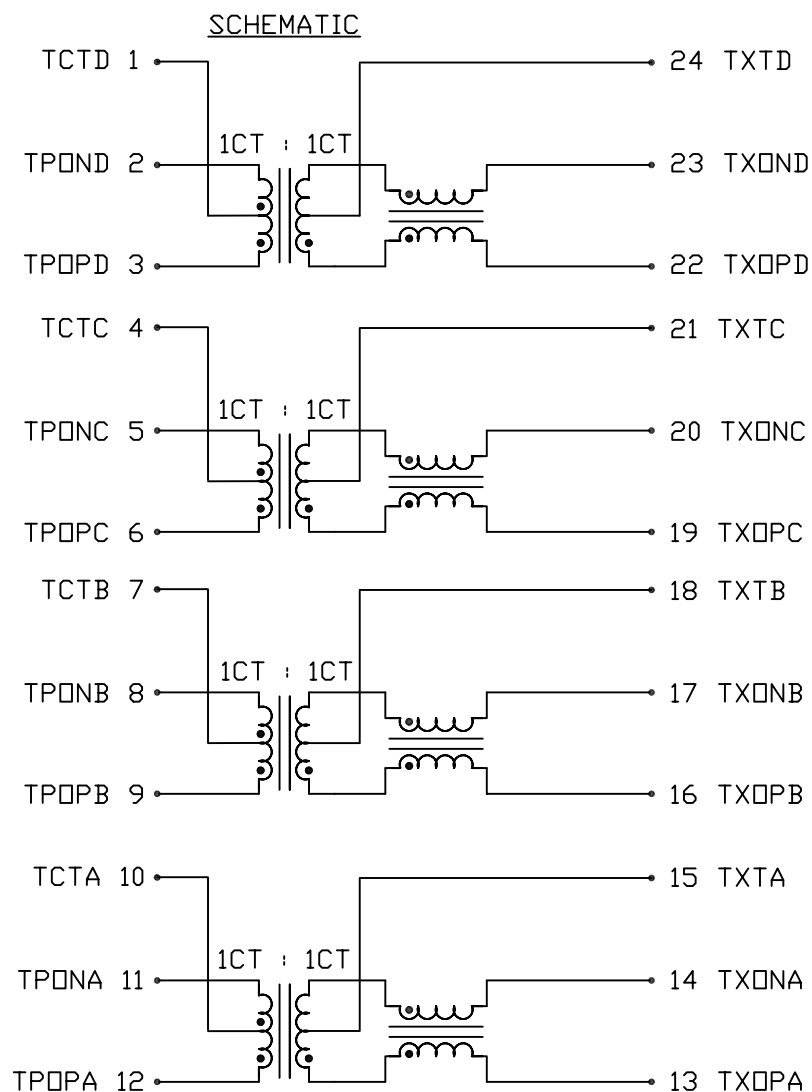


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ELECTRICAL CHARACTERISTICS @25°C

RoHS



URNS RATIO

(3-1-2) : (22-24-23)
(6-4-5) : (19-21-20)
(9-7-8) : (16-18-17)
(12-10-11) : (13-15-14)

1CT : 1CT
1CT : 1CT
1CT : 1CT
1CT : 1CT

CL

350μH MIN AT 100kHz, 100mV
WITH 8mA DC BIAS @25°C

INSERTION LOSS

1.1dB MAX @0.1 TO 1MHz
0.5dB MAX @1 TO 65MHz
1.0dB MAX @80MHz
1.2dB MAX @125MHz

RETURN LOSS
UNDER 100 OHM
±15% ENVIRONMENT

18dB MIN @0.5 TO 40 MHz
12-20LOG(f/80MHz) dB MIN
@40 TO 100 MHz

COMMON TO COMMON REJECTION

30dB MIN @0.1 TO 100 MHz

CROSSTALK

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

HIPOT

PER HAND-WORK-03

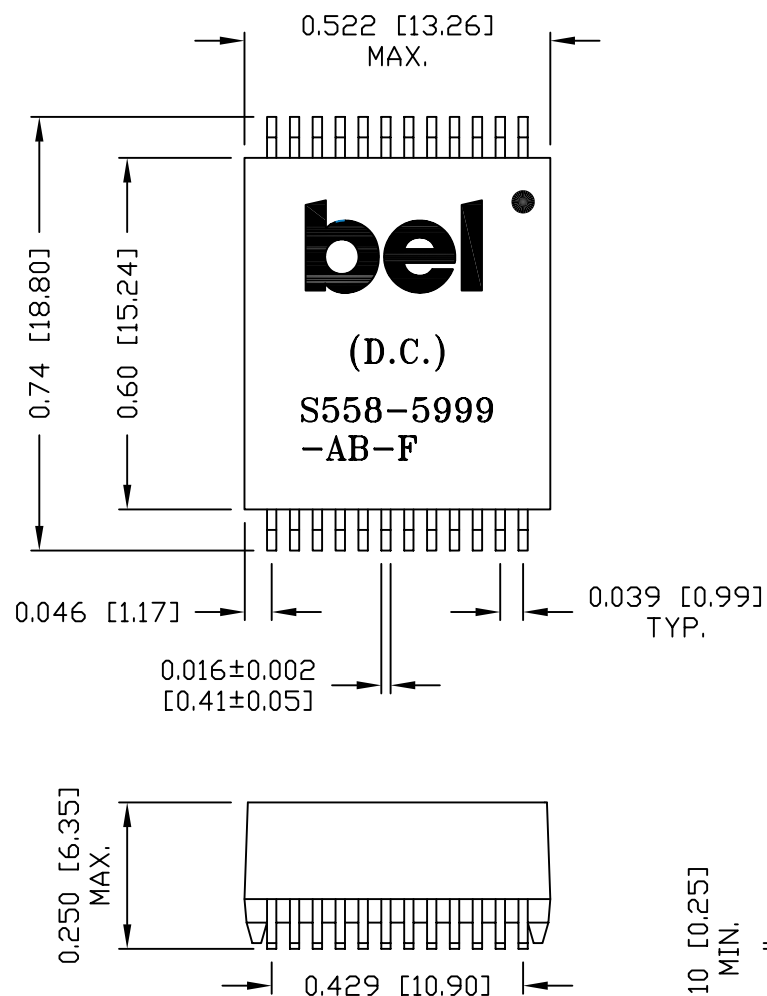
OPERATION TEMPERATURE: -40°C TO 85°C

REV. : C PAGE : 2

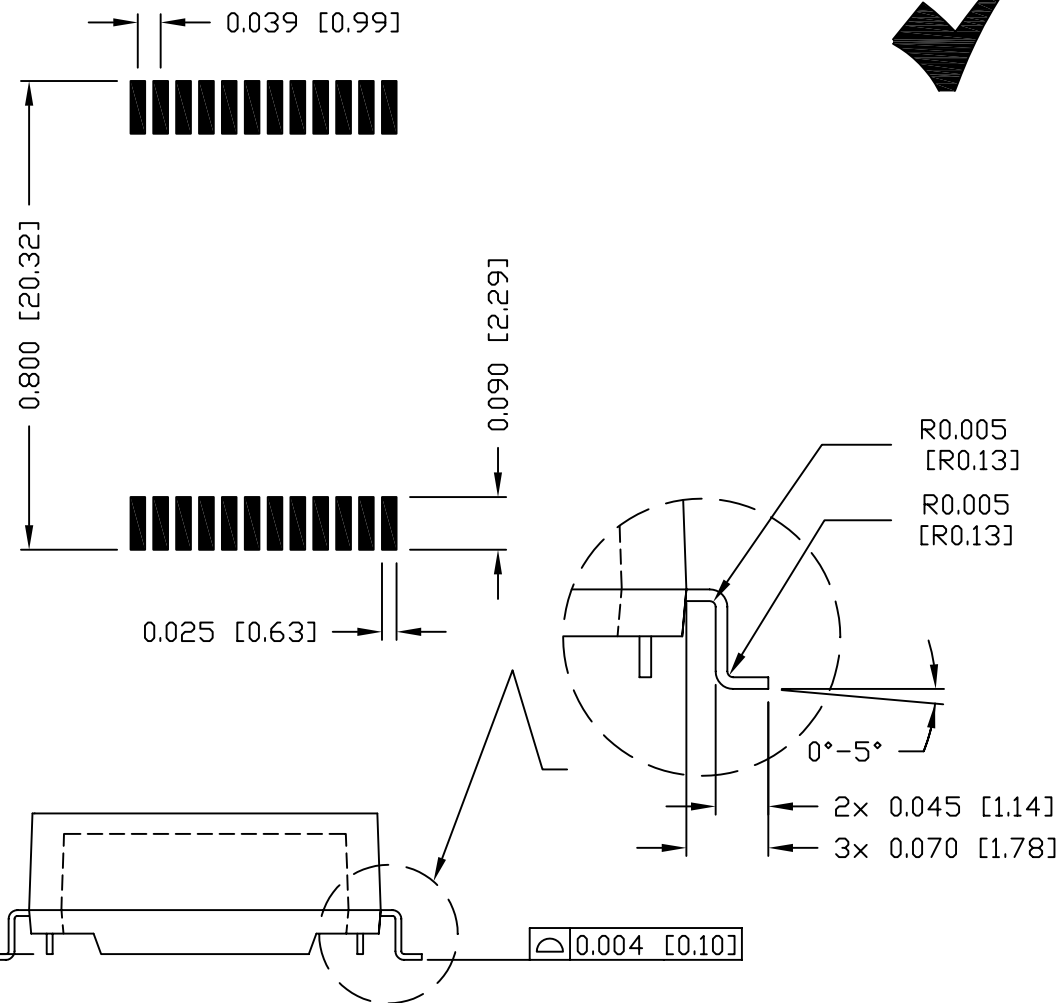


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REF.
Alice Pang	2015-01-26	GIGABIT ETHERNET MAGNETICS	X5585999AB-F	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A
ZC Guo	2015-01-26	S558-5999-AB-F	X5585999ABFC.DWG	.XX	SIZE : A4
				.XXX	

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SUGGESTED PCB PAD LAYOUT



RoHS



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "QTS001".

REV. : C PAGE : 3

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REF.
Lawrence Tsang	2015-01-26	MECHANICAL DRAWING S558-5999-AB-F	X5585999AB-F	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A
ZC Guo	2015-01-26		X5585999ABFC.DWG	.XX ±0.01	SIZE : A4
				.XXX ±0.005	

