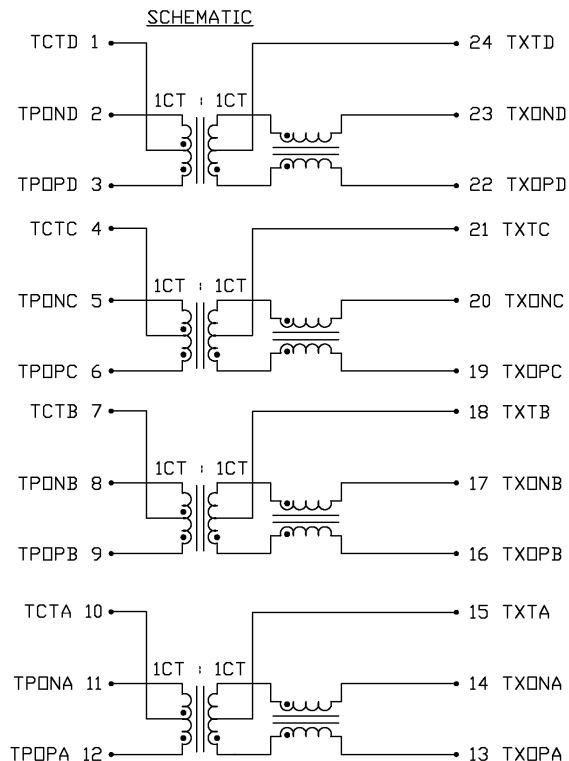


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ELECTRICAL CHARACTERISTICS @ 25°C



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

OCL

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) MIN.
@ 40 TO 100 MHz

COMMON TO COMMON REJECTION

30dB MIN. @ 0.1 TO 100 MHz

CROSSTALK

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

HIPOT

PER HAND-WORK-03

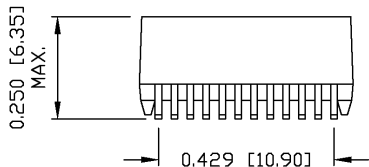
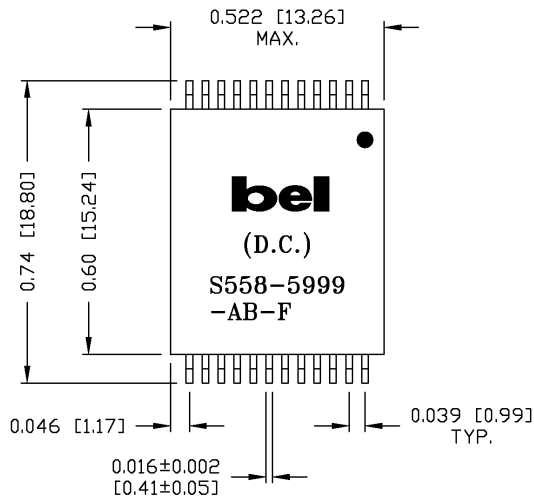
OPERATION TEMPERATURE: -40°C TO 85°C

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
HO	09-15-05	GIGABIT ETHERNET MAGNETICS	X5585999AB-F	TOL. IN INCH	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE		FILE NAME		SCALE : N/A SIZE : A4
DQ Chen	09-15-05	S558-5999-AB-F	X5585999ABFA.DWG	.X .XX .XXX	PAGE : 2

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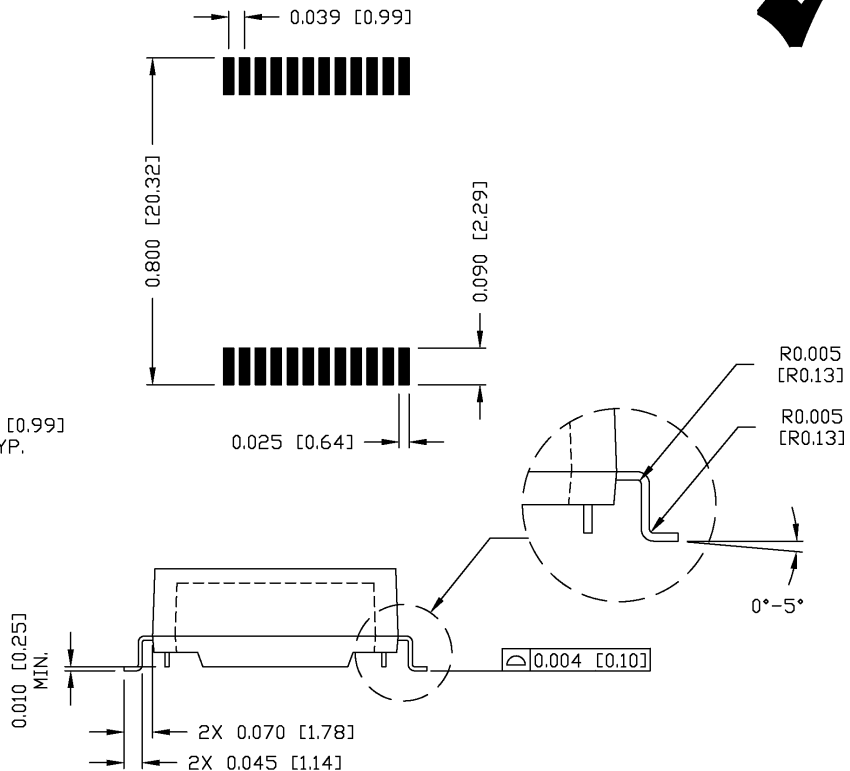


SUGGESTED PCB PAD LAYOUT



NOTES:

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



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
HO	09-15-05	MECHANICAL DRAWING	X5585999AB-F	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.XX ±0.01	SCALE : N/A	SIZE : A4
DQ Chen	09-15-05	S558-5999-AB-F	X5585999ABFA.DWG	.XXX ±0.005		PAGE : 3



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