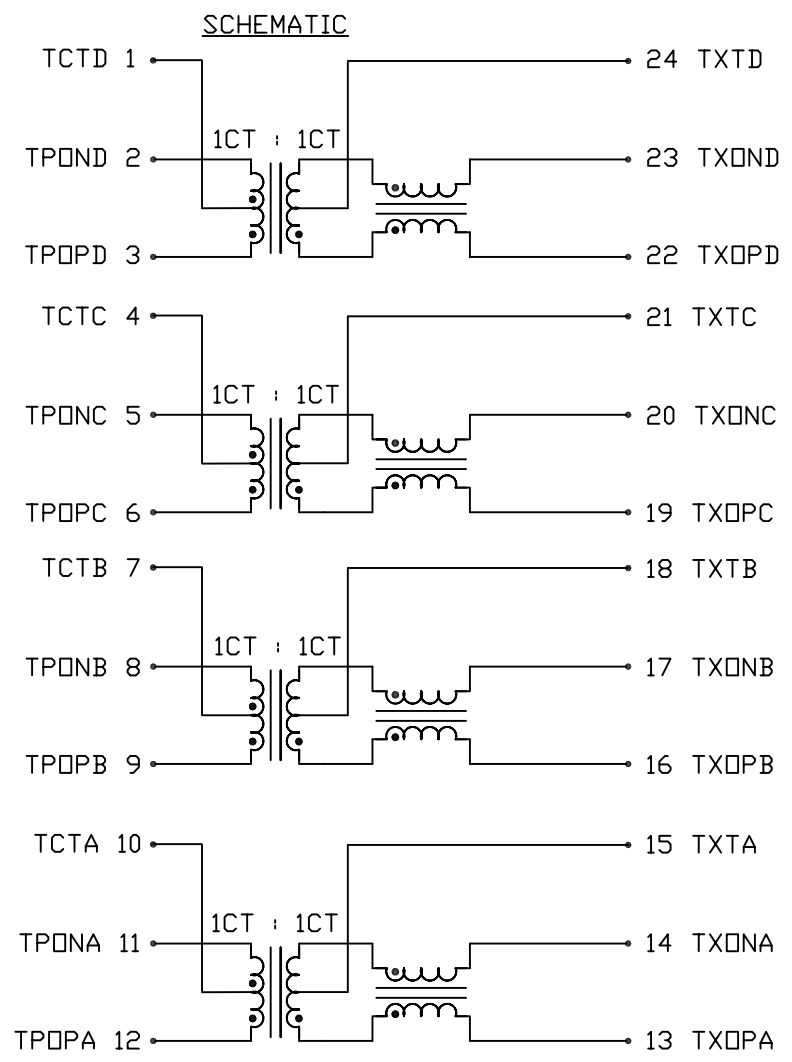


ELECTRICAL CHARACTERISTICS @ 25°C



URNS RATIO

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

DCL

350μH MIN. AT 100kHz,
WITH 8mA DC BIAS @25

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
12-20LOG (F/80MHz) MIN
@ 40 TO 100 MHz

COMMON TO COMMON REJECTION

30dB MIN. @ 0.1 TO 100

CROSSTALK

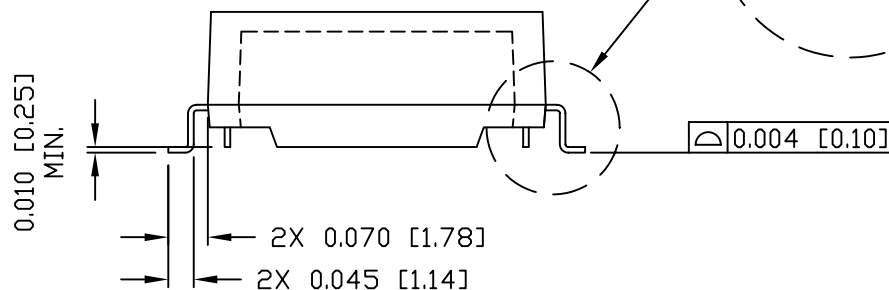
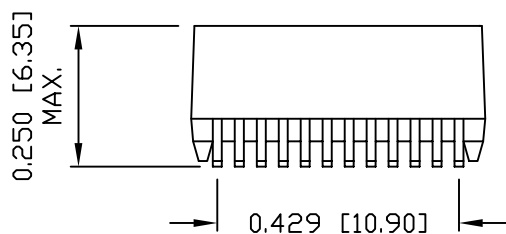
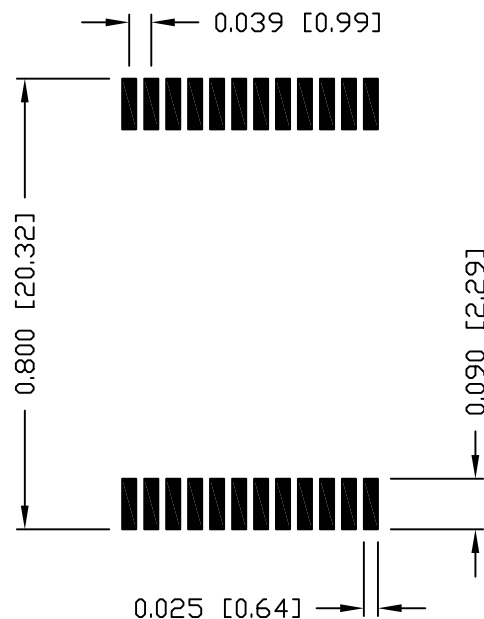
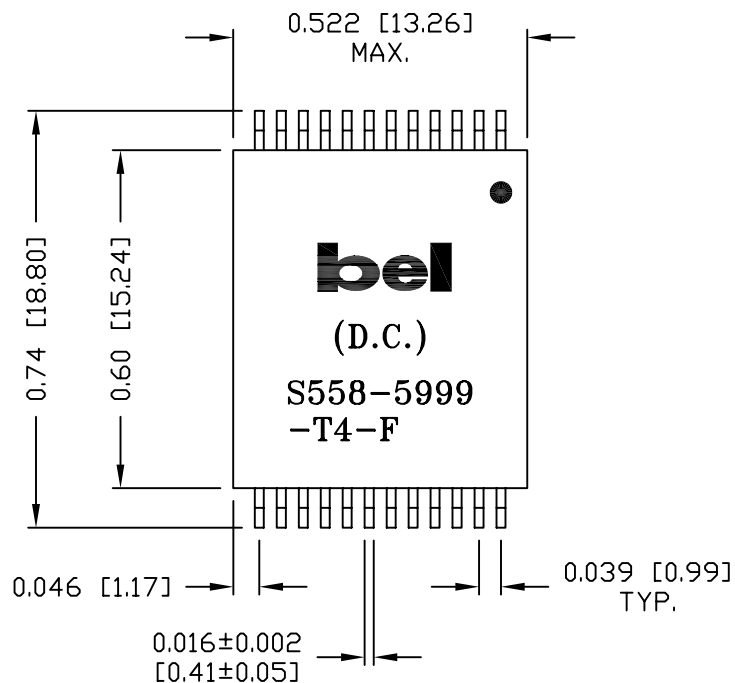
33-20 LOG (F/100 MHz)
@ 1 TO 100 MHz

HIPOT

PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
HD	09-20-05	GIGABIT ETHERNET MAGNETICS	X5585999T4-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
DQ Chen	09-20-05	S558-5999-T4-F	X5585999T4FA.DWG	.XXX	 PAGE : 2

SUGGESTED PCB PAD LAYOUT



NOTES:

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

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
HD	09-20-05	MECHANICAL DRAWING	X5585999T4-F		UNIT : INCH [mm] REV. :
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A SIZE :
DQ Chen	09-20-05	S558-5999-T4-F	X5585999T4FA.DWG	.XX ±0.01	⊕
				.XXX ±0.005	PAGE :