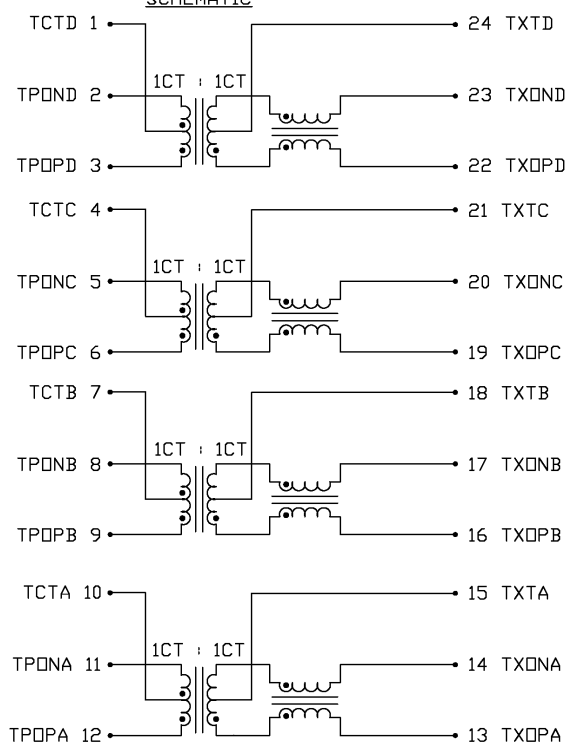


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SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

TURNS 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, 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	
	33-20 LOG (F/100 MHz) dB MIN @ 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		 COMPONENTS OF A CONNECTED PLANET	
HQ	09-20-05	GIGABIT ETHERNET MAGNETICS S558-5999-T4-F	X5585999T4-F		UNIT : INCH [mm]	REV. : A		
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A		SIZE : A4
DQ Chen	09-20-05		X5585999T4FA.DWG	.XX				PAGE : 2
			.XXX					

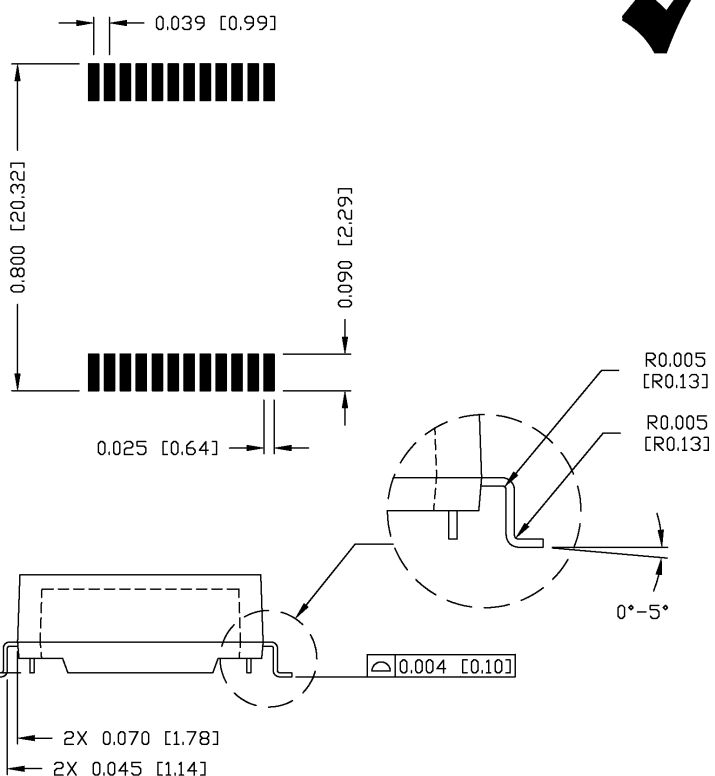
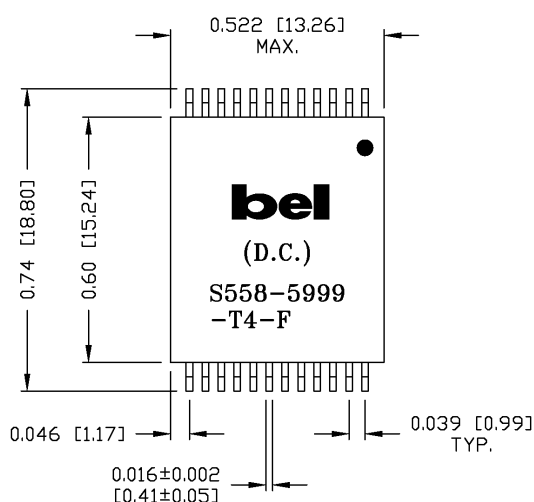
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SUGGESTED PCB PAD LAYOUT



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	09-20-05	MECHANICAL DRAWING	X5585999T4-F	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.XX ±0.01	SCALE : N/A	SIZE : A4
DQ Chen	09-20-05	S558-5999-T4-F	X5585999T4FA.DWG	.XXX ±0.005	SCALE : N/A	PAGE : 3



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