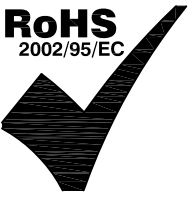
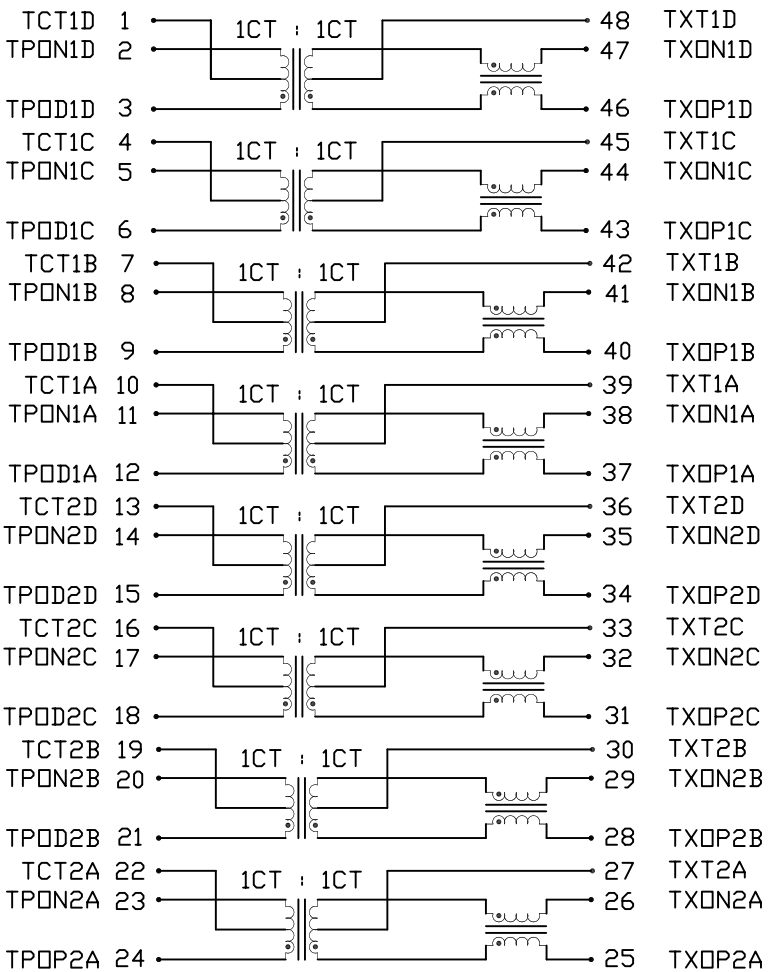


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SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio: 1CT : 1CT ±2%

OCL: -40 TO +85 DEG C

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

PIN (46-47), (43-44), (40-41), (37-38)

PIN (34-35), (31-32), (28-29), (25-26)

INSERTION LOSS

FREQ.	1MHz	65MHz	100MHz	125MHz
MAX.	1.1dB	0.5dB	0.9dB	1.5dB

RETURN LOSS: 18dB MIN. @ 0.5 TO 40 MHz

MEASURED UNDER A 100 Ω ENVIRONMENT

12-20LOG<f/80MHz>dB MIN. @ 40 TO 100MHz.

COMMON TO COMMON MODE REJECTION: 30dB MIN. @ 0.1 TO 100MHz.

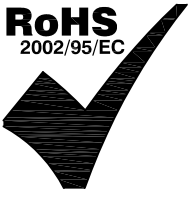
CROSSTALK: 33-20LOG<f/100MHz>dB MIN. @ 0.1 TO 100MHz.

HIPOT: PER HAND-WORK-03

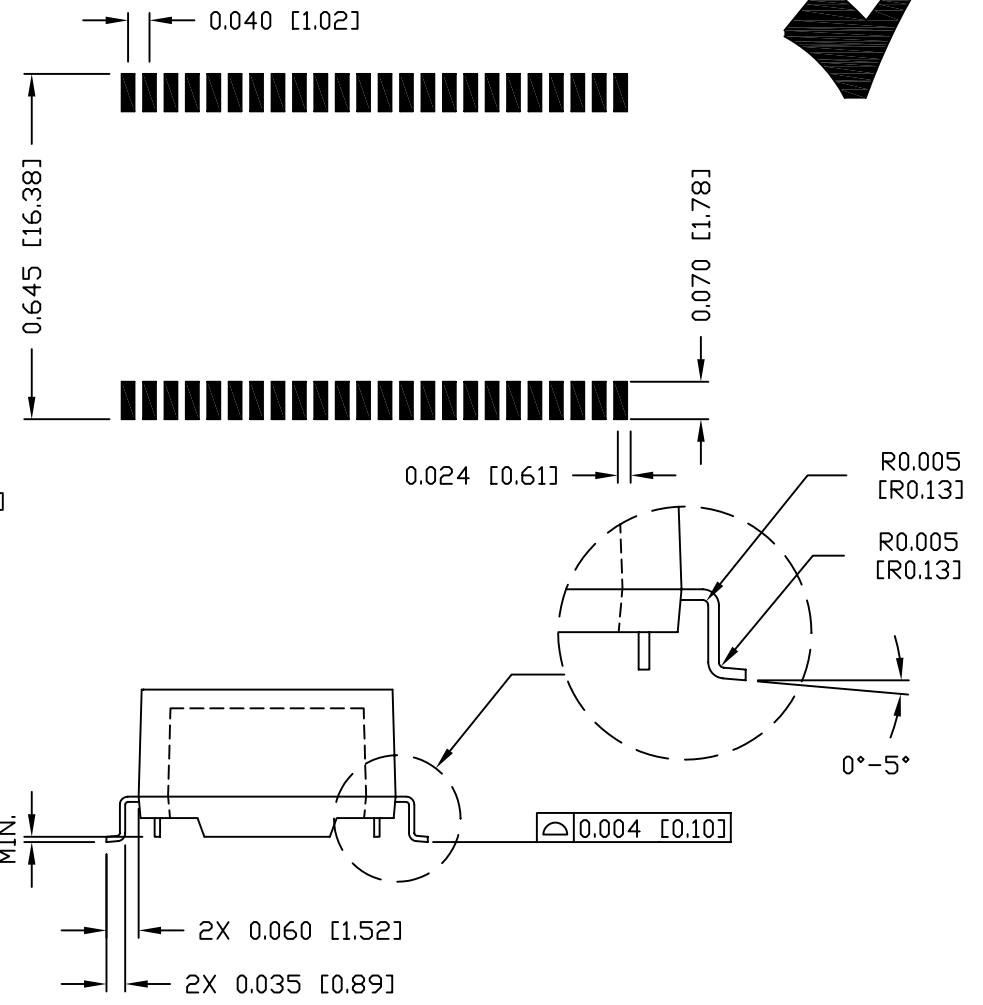
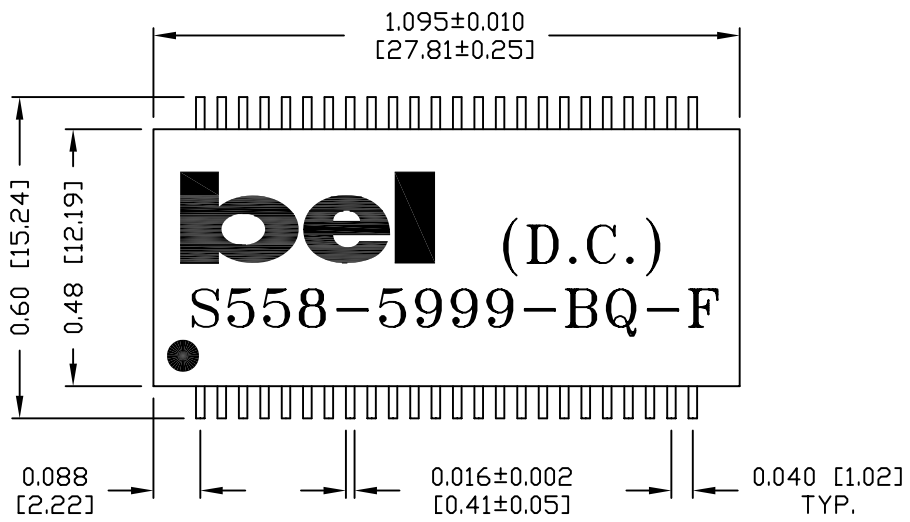
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
J.BERRY	07-26-06	DUAL 1000BASE-T	S558-5999-BQ-F	.X	UNIT : INCH [mm] REV. : PA
DRAWN BY	DATE	INDUSTRIAL TEMP	FILE NAME	.XX	SCALE : N/A SIZE : A4
J.BERRY	07-26-06		S5585999BQFPA.DWG	.XXX	PAGE : 2



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SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "QVS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
J.BERRY	07-26-06	MECHANICAL DRAWING	S558-5999-BQ-F	.X	UNIT : INCH [mm]	REV. : PA
DRAWN BY	DATE		FILE NAME	.XX ± 0.01	SCALE : N/A	SIZE : A4
J.BERRY	07-26-06		S5585999BQFPA.DWG	.XXX ± 0.005	SCALE : N/A	PAGE : 3

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