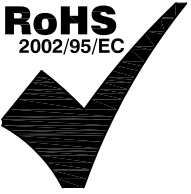
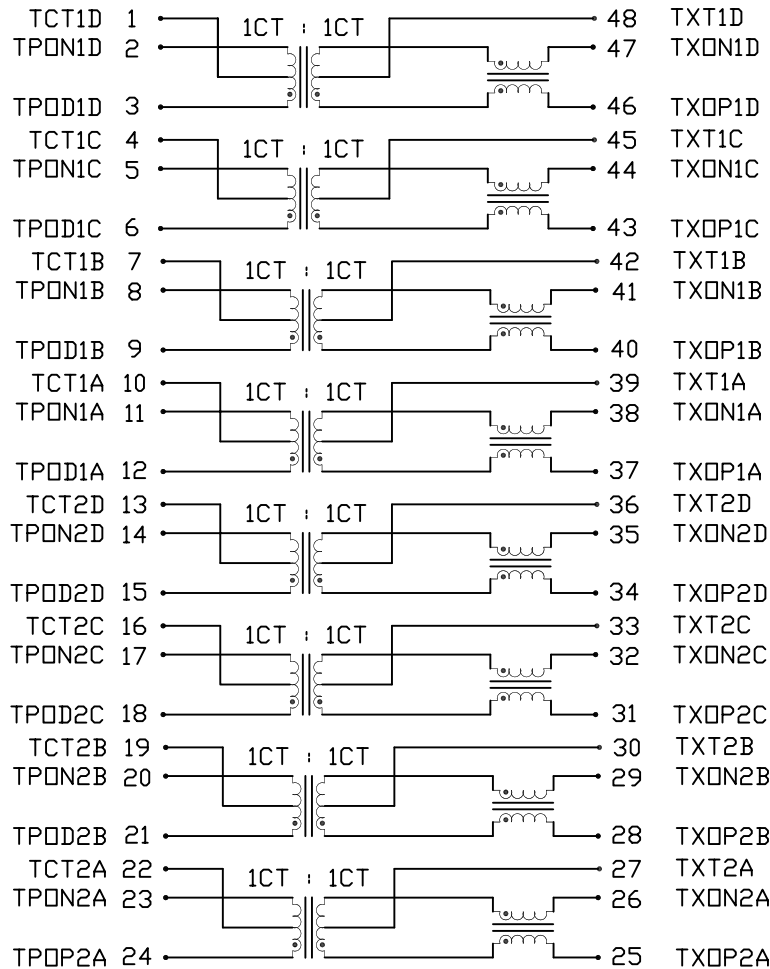


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RoHS
2002/95/EC



SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO 1CT : 1CT ±2%
QCL 350µH MIN. @100kHz, 100mV, WITH 8 mA DC BIAS
 -40 TO +85 DEG C
 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
 12-20LOG(f/80MHz)dB MIN. @ 40 TO 100MHz.

MEASURED UNDER A 100 Ω ENVIRONMENT

COMMON TO COMMON MODE REJECTION

30dB MIN. @ 0.1 TO 100MHz.

CROSSTALK

33-20LOG(f/100MHz)dB MIN. @ 0.1 TO 100MHz.

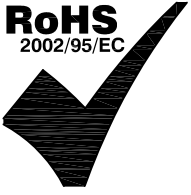
HIPOT

PER HAND-WORK-03

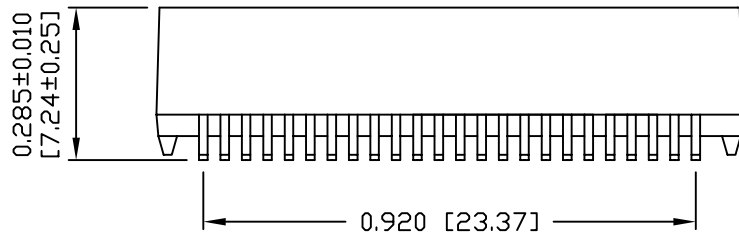
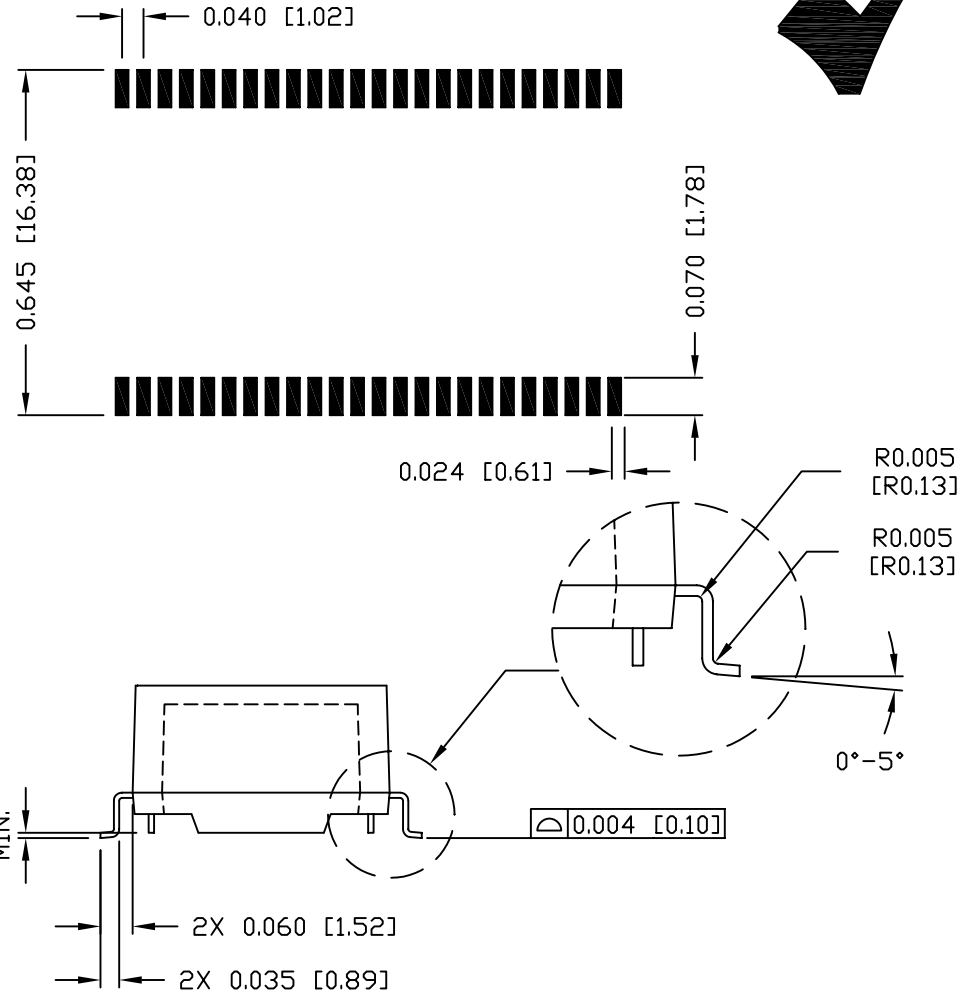
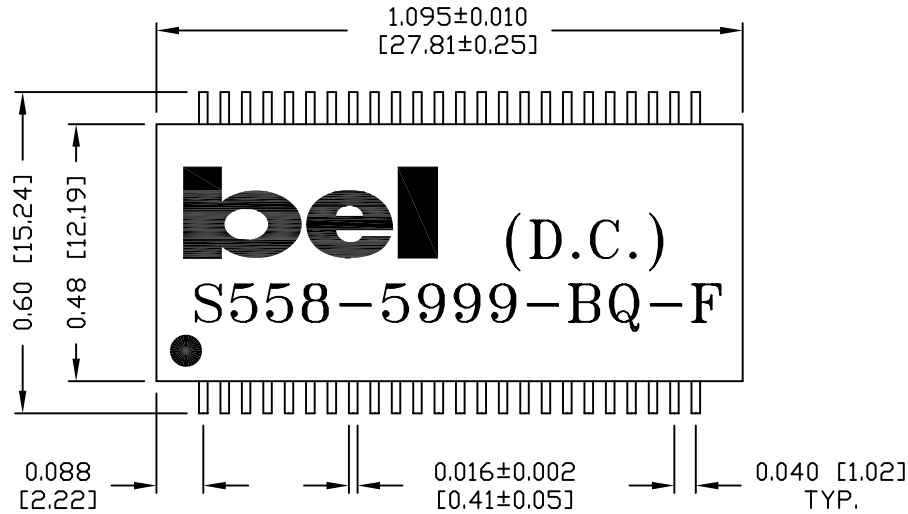
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
J.BERRY	07-26-06	DUAL 1000BASE-T INDUSTRIAL TEMP	S558-5999-BQ-F	.X	UNIT : INCH [mm] REV. : PA
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
J.BERRY	07-26-06		S5585999BQFPA.DWG	.XXX	PAGE : 2



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SUGGESTED PCB PAD LAYOUT



NOTES:

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

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

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