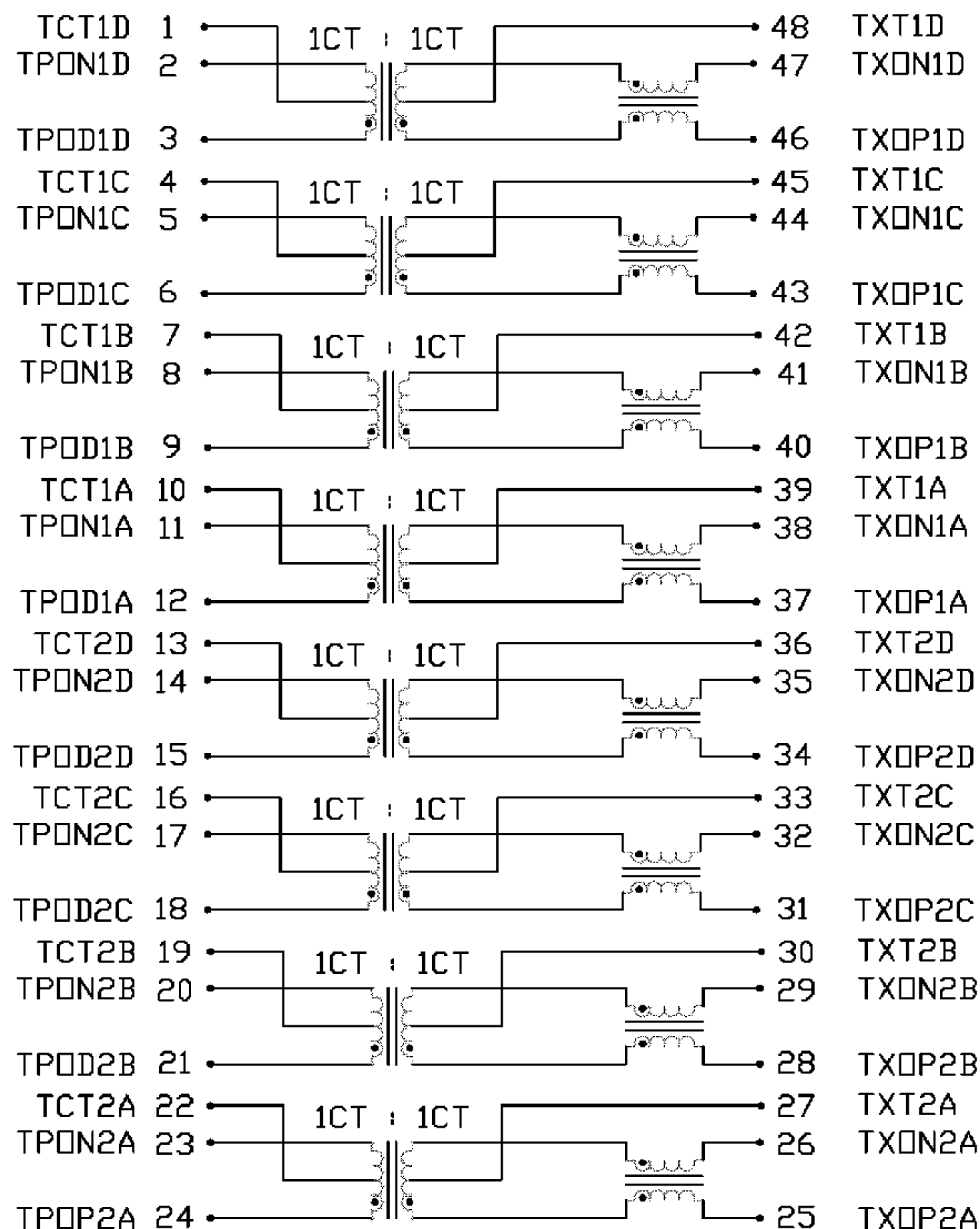




SCHEMATIC



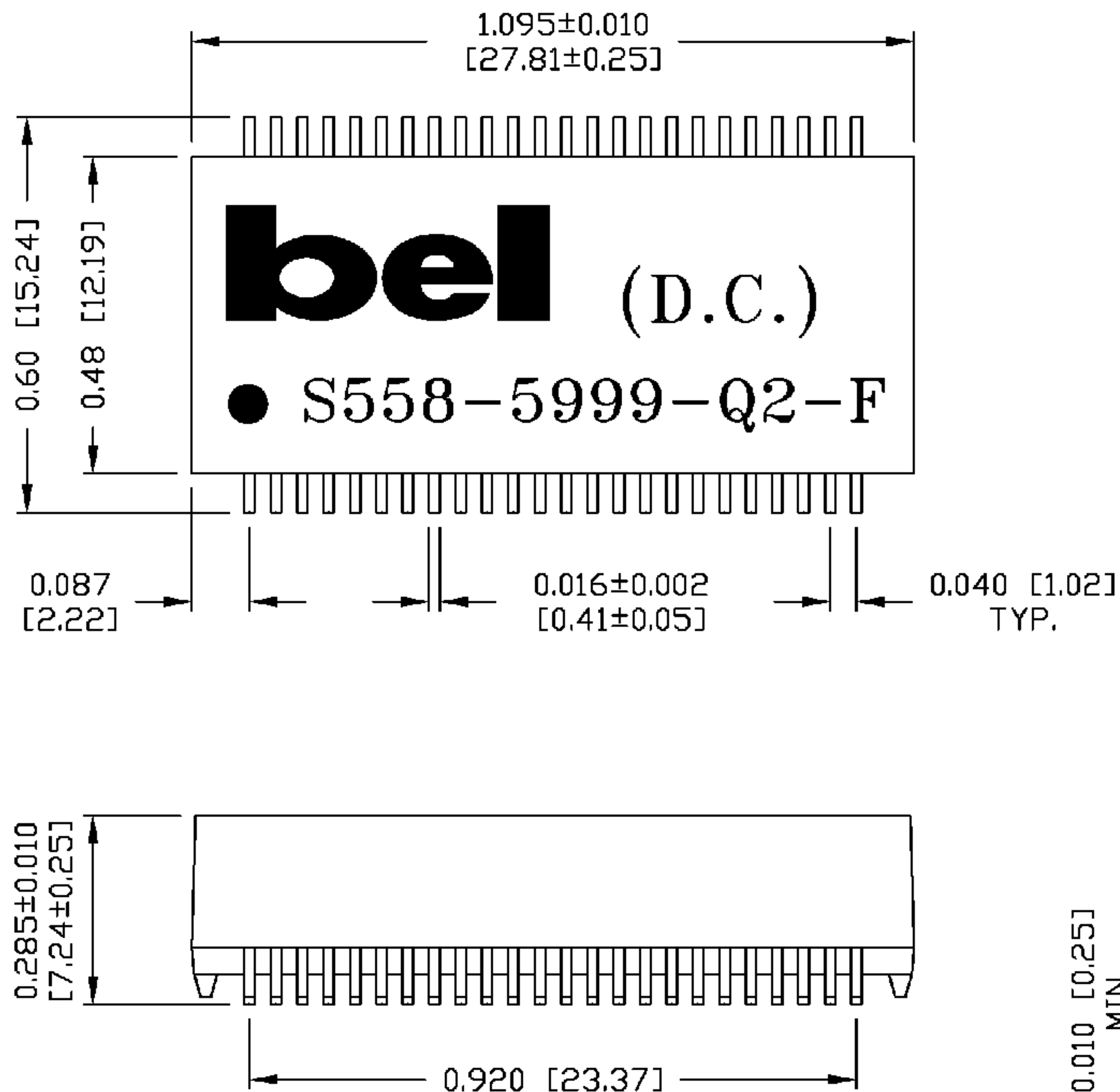
ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio	1CT : 1CT ±2%										
QCL	350μH MIN. @100kHz, 100mV, WITH 8mA D.C. BIAS PIN (46-47), (43-44), (40-41), (37-38) PIN (34-35), (31-32), (28-29), (25-26)										
Insertion Loss	<table><tr><td>FREQ.</td><td>1MHz</td><td>65MHz</td><td>100MHz</td><td>125MHz</td></tr><tr><td>MAX.</td><td>1.1dB</td><td>0.5dB</td><td>0.8dB</td><td>1.2dB</td></tr></table>	FREQ.	1MHz	65MHz	100MHz	125MHz	MAX.	1.1dB	0.5dB	0.8dB	1.2dB
FREQ.	1MHz	65MHz	100MHz	125MHz							
MAX.	1.1dB	0.5dB	0.8dB	1.2dB							
Return Loss MEASURED UNDER A 100 Ω ENVIRONMENT	18dB MIN. @ 0.5 TO 40 MHz 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. @ 1 TO 100MHz										
HIPOT	PER HAND-WORK-03										

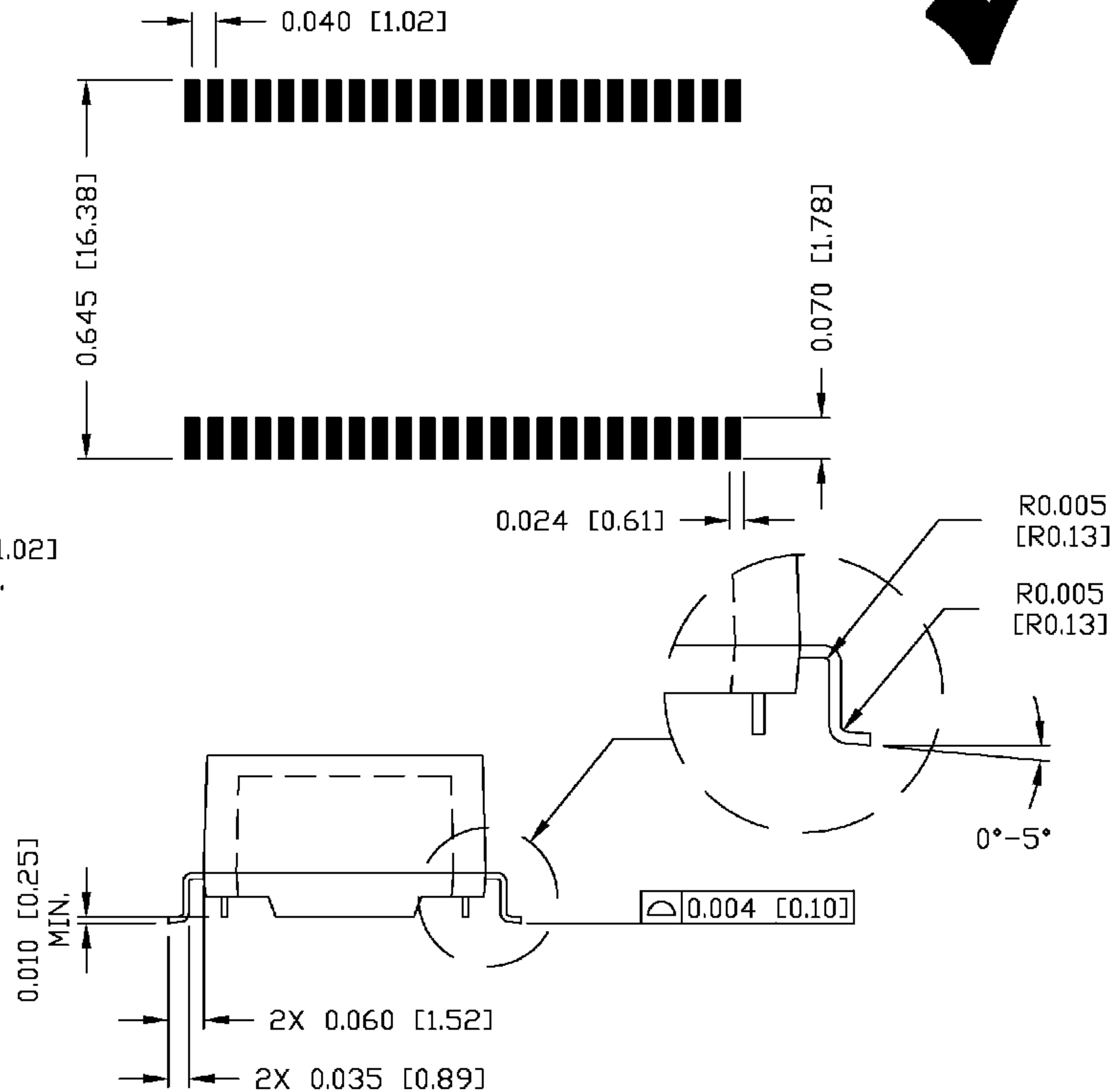
ORIGINATED BY	DATE	TITLE ELECTRICAL SPECIFICATION S558-5999-Q2-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
HQ	04-26-06		X5585999Q2-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
DQ Chen	04-26-06		X5585999Q2FA.DWG	.XX			PAGE : 2	
			.XXX					

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RoHS
2002/95/EC



SUGGESTED PCB PAD LAYOUT



NOTES:

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

ORIGINATED BY	DATE	TITLE MECHANICAL DRAWING S558-5999-Q2-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
HQ	04-26-06		X5585999Q2-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
DQ Chen	04-26-06		X5585999Q2FA.DWG	.XX	±0.01		PAGE : 3	
				.XXX	±0.005			