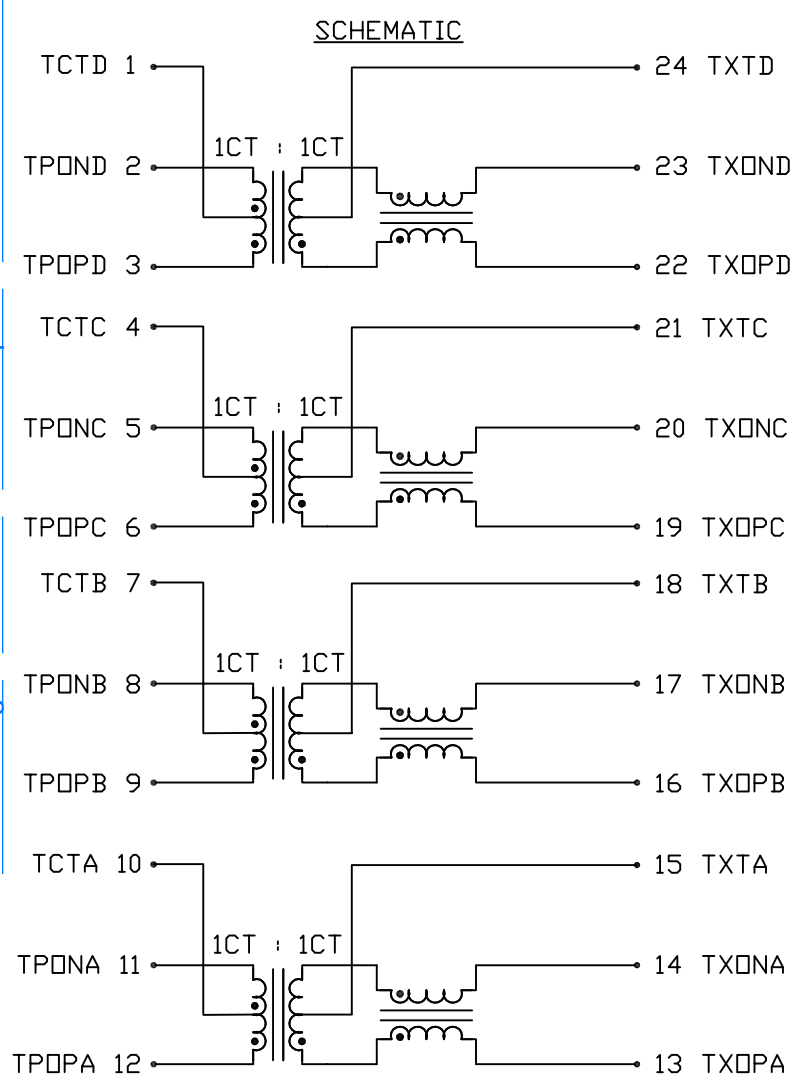


Additional Resources: Product Page 3D Model PCB Footprint Technical Documentation

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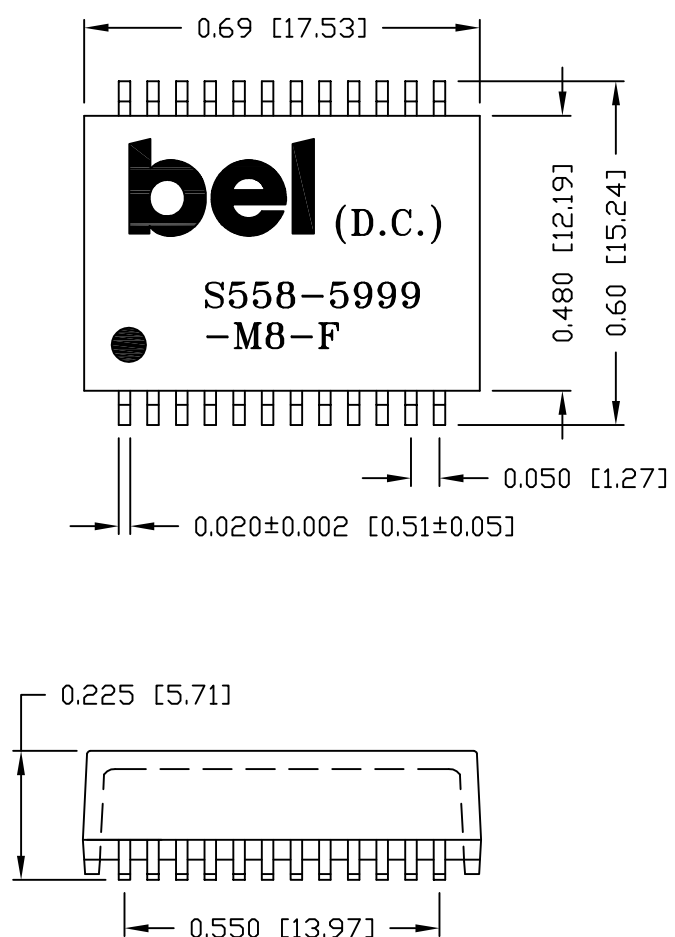
ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	
PIN(3-1-2) : (22-24-23)	1CT : 1CT
PIN(6-4-5) : (19-21-20)	1CT : 1CT
PIN(9-7-8) : (16-18-17)	1CT : 1CT
PIN(12-10-11) : (13-15-14)	1CT : 1CT
DCL	
350μH MIN. @ 100kHz, 100mV WITH 8mA DC BIAS	
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	
18dB MIN. @ 0.5 TO 40 MHz UNDER 100 OHMS±15% ENVIRONMENT 12-20LOG (f/80MHz) MIN. @ 40 TO 100 MHz	
COMMON TO COMMON REJECTION	
30dB MIN. @ 0.1 TO 100 MHz	
CROSSTALK	
33-20LOG (f/100MHz) dB MIN. @ 1 TO 100MHz	
HIPOT	
LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC	

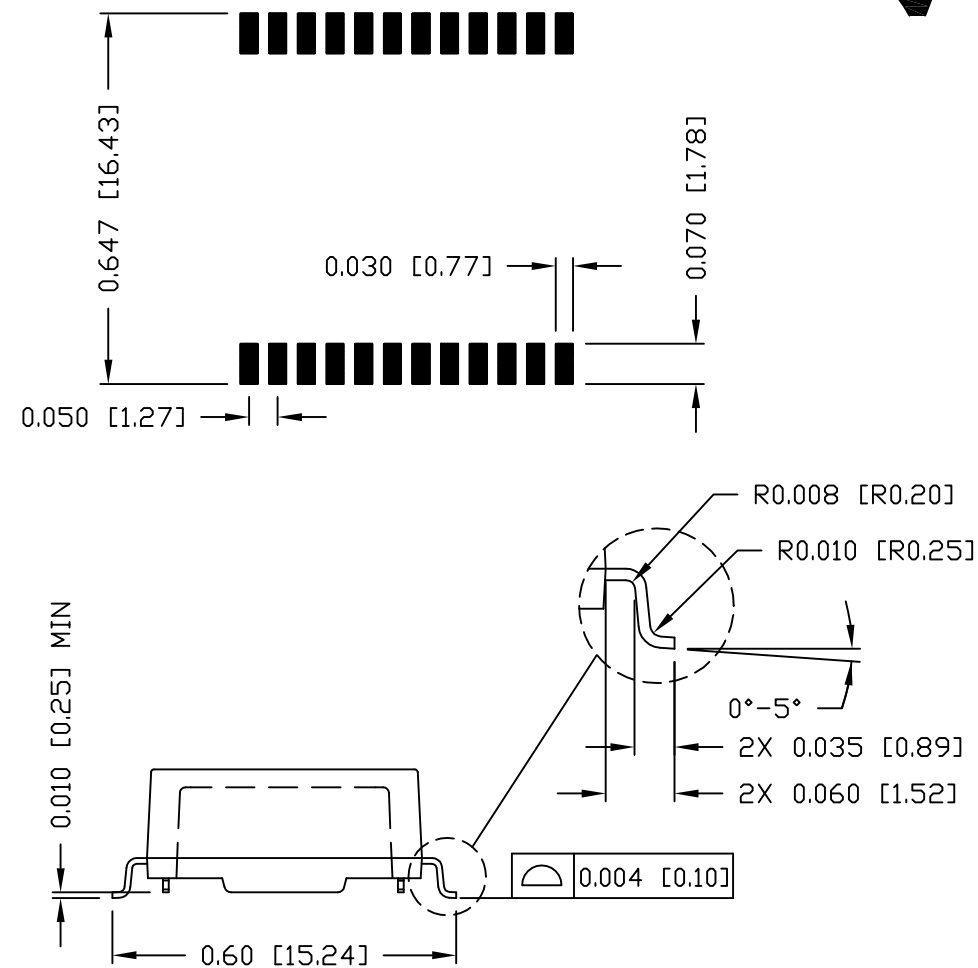
ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REF.		 POWER PROTECT CONNECT
Alice Pang		2021-01-27			TOL. IN INCH		UNIT : INCH [mm]		
DRAWN BY		DATE			.X		SCALE : N/A		
ZC Guo		2021-01-27			.XX		SIZE : A4		
				FILE NAME	.XXX				
			ELECTRICAL SPECIFICATION	S558-5999-M8-F					
			S558-5999-M8-F	S5585999M8FA.DWG					

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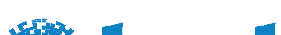


SUGGESTED PCB PAD LAYOUT



NOTES:

- 1. STANDARD MARKING REFER TO DDC. HAND-WORK-04.
- 2. PACKAGE CODE: "RQS001".

ORIGINATED BY		DATE	TITLE MECHANICAL DRAWING S558-5999-M8-F	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REF.		 POWER PROTECT CONNECT
Lawrence Tsang		2021-01-27		S558-5999-M8-F		TOL. IN INCH		UNIT : INCH [mm]		
DRAWN BY		DATE		FILE NAME		.X		SCALE : N/A		
ZC Guo		2021-01-27		S5585999M8FA.DWG		.XX ±0.01		 SIZE : A4		
						.XXX ±0.005				