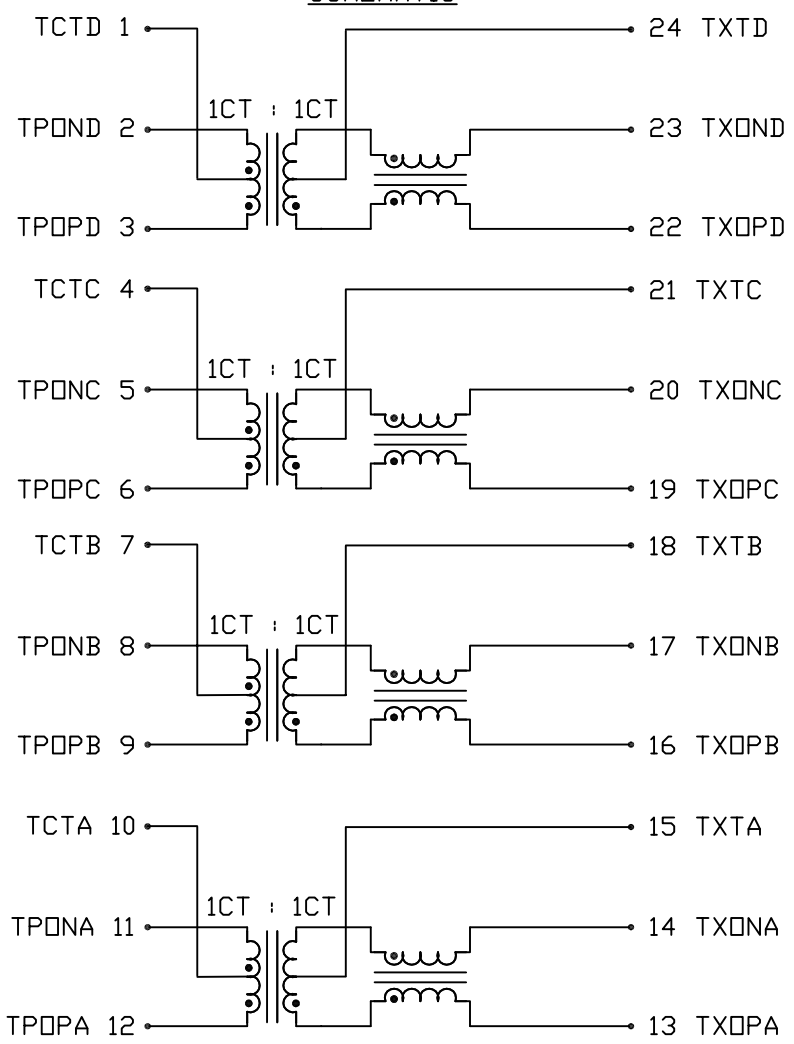
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Additional Resources: Product Page 3D Model PCB Footprint Technical Documentation

RoHS

SCHEMATIC



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
OCL	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 UNDER 100 OHMS±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	33-20LOG (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.
Alice Pang	2021-01-27	ELECTRICAL SPECIFICATION S558-5999-M8-F	S558-5999-M8-F	TOL. IN INCH .X .XX .XXX	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME		SCALE : N/A
ZC Guo	2021-01-27		S5585999M8FA.DWG		SIZE : A4

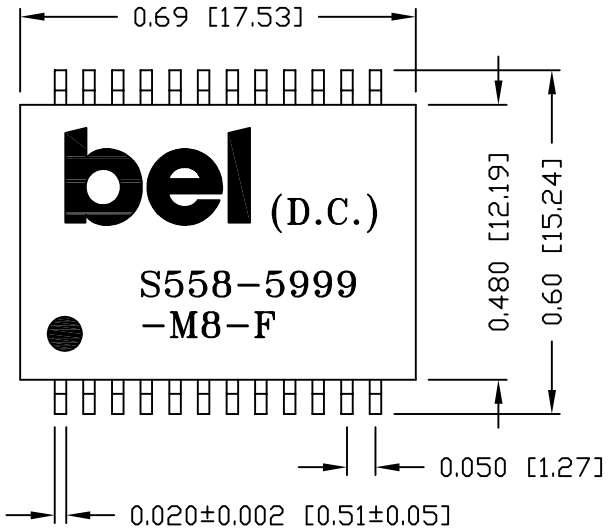
POWER | PROTECT | CONNECT

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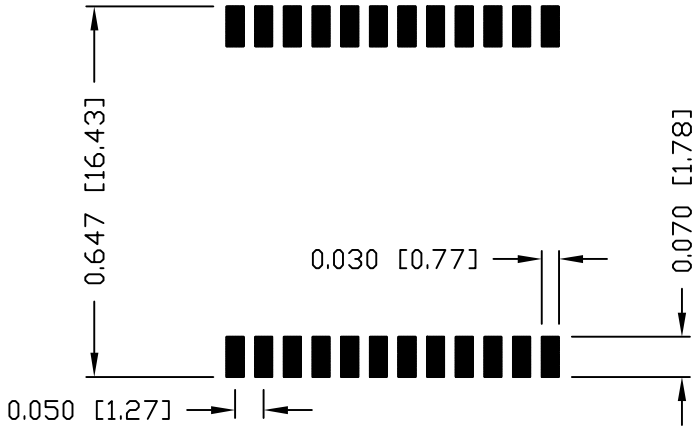
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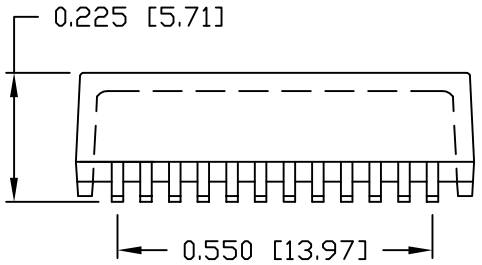
Additional Resources: Product Page 3D Model PCB Footprint Technical Documentation

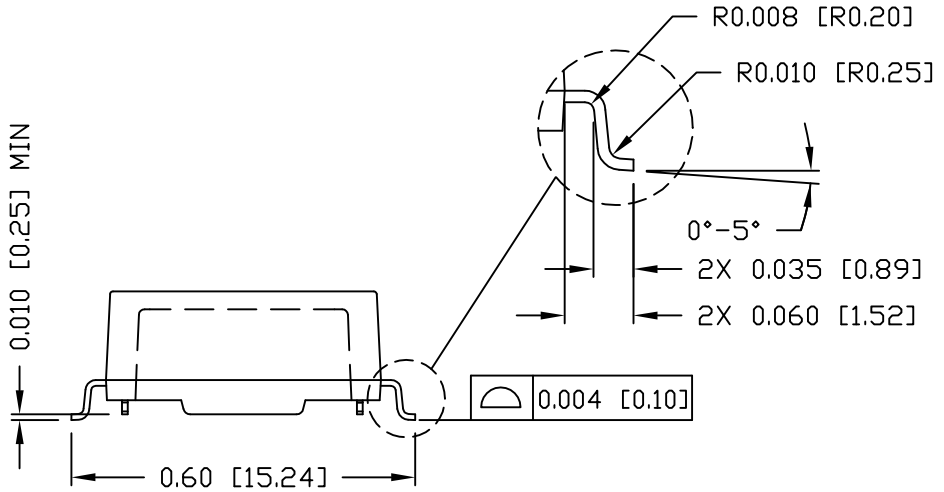
RoHS



SUGGESTED PCB PAD LAYOUT







NOTES:

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

ORIGINATED BY / DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[ ] METRIC DIM. AS REF.	REV. : A	PAGE : 3
Lawrence Tsang 2021-01-27	MECHANICAL DRAWING S558-5999-M8-F	S558-5999-M8-F	TOL. IN INCH	UNIT : INCH [mm]		
DRAWN BY / DATE		FILE NAME	.X / .XX ±0.01 / .XXX ±0.005	SCALE : N/A		
ZC Guo 2021-01-27		S5585999M8FA.DWG		SIZE : A4		

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