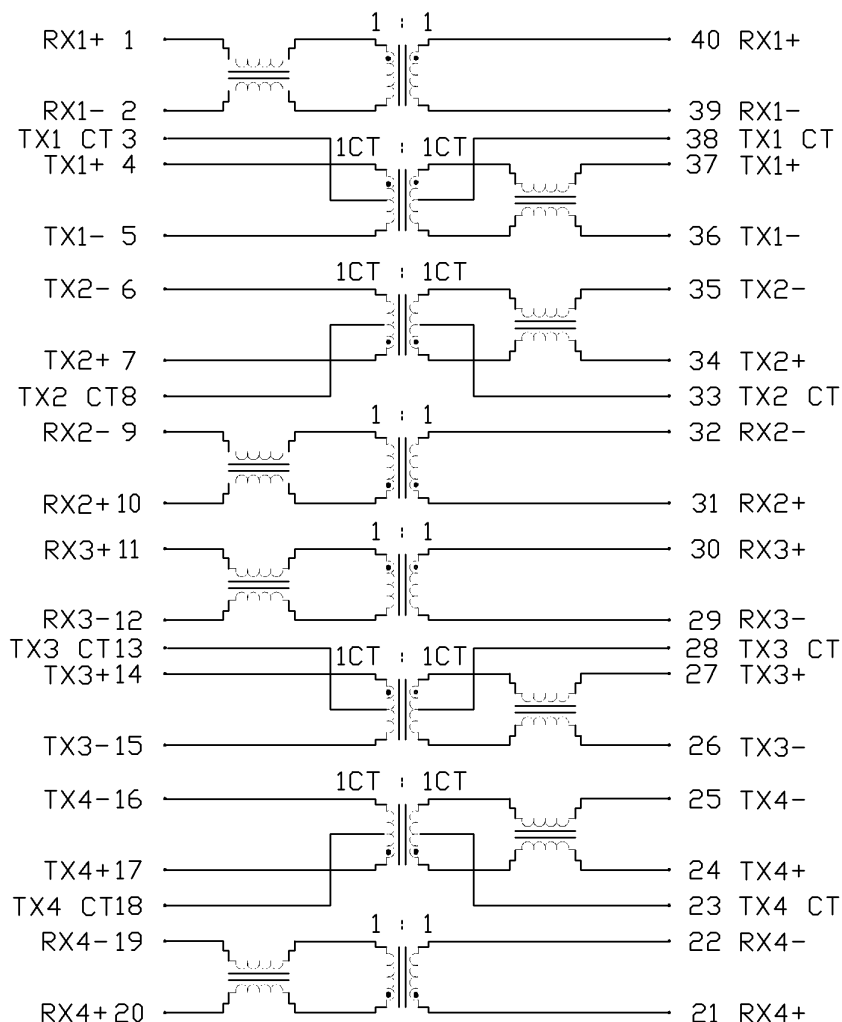


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SCHEMATIC



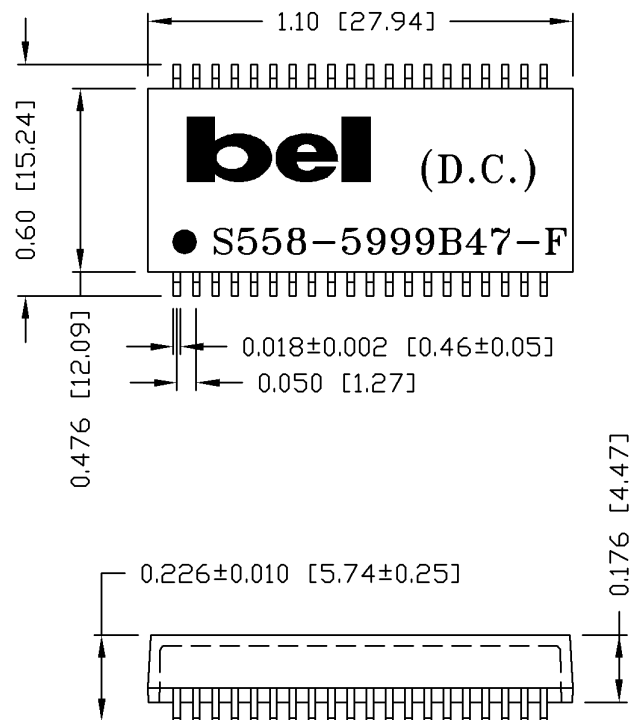
ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO Tx Rx	1CT : 1CT 1 : 1
POLARITY DCL	PER DOT CONVENTION 350μH MIN @100kHz, 100mV WITH 8mA DC BIAS
INSERTION LOSS RETURN LOSS MEASURED UNDER 100Ω ENVIRONMENT	1.0dB MAX @300kHz TO 80MHz 18.0dB MIN @1MHz TO 30MHz 13.5dB MIN @30MHz TO 60MHz 12.0dB MIN @60MHz TO 80MHz
COMMON TO DIFFERENTIAL MODE REJECTION	40dB MIN @0.3MHz TO 100MHz
COMMON TO COMMON MODE REJECTION	35dB MIN @0.3MHz TO 100MHz
CROSSTALK	35dB MIN @0.3MHz TO 100MHz
HIPOT	PER HAND-WORK-03
OPERATING TEMPERATURE	0°C TO 70°C

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
CHAN CH	06-04-08	ELECTRICAL SPECIFICATION S558-5999B47-F	X5585999B47F	TOL. IN INCH	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
YH Lai	06-04-08		X5585999B47FA.DWG	.XX .XXX		PAGE : 2



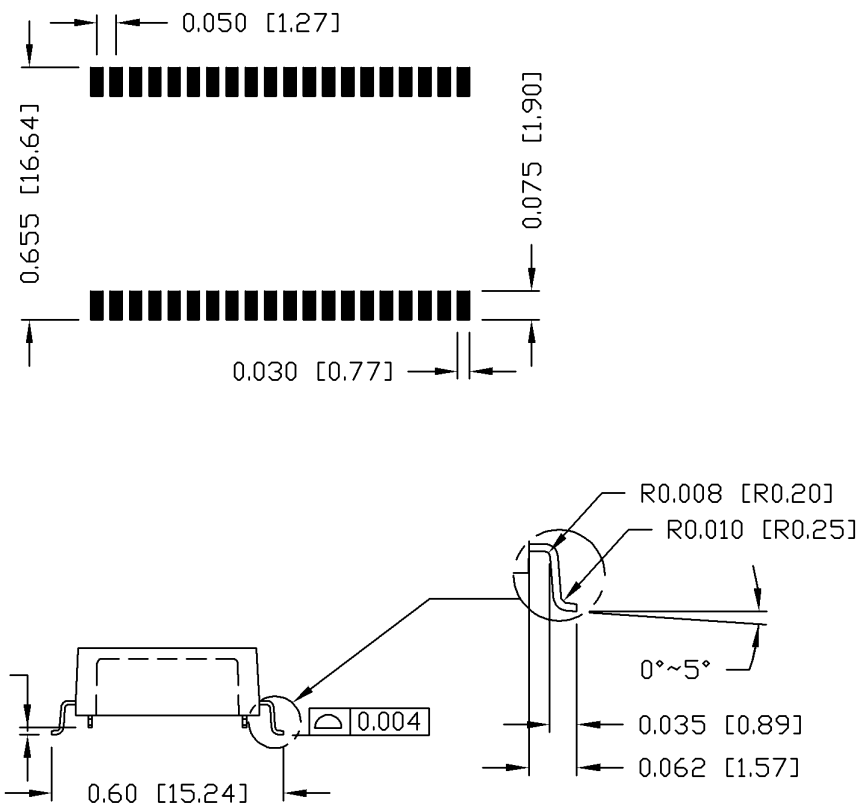
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NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "RRS001".

SUGGESTED PCB PAD LAYOUT



ORIGINATED BY	DATE	TITLE MECHANICAL OUTLINE S558-5999B47-F	PART NO. / DRAWING NO. X5585999B47F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHAN CH	06-04-08		FILE NAME X5585999B47FA.DWG	.X		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE			.XX	±0.01	SCALE : N/A	SIZE : A4	
YH Lai	06-04-08			.XXX	±0.005		PAGE : 3	