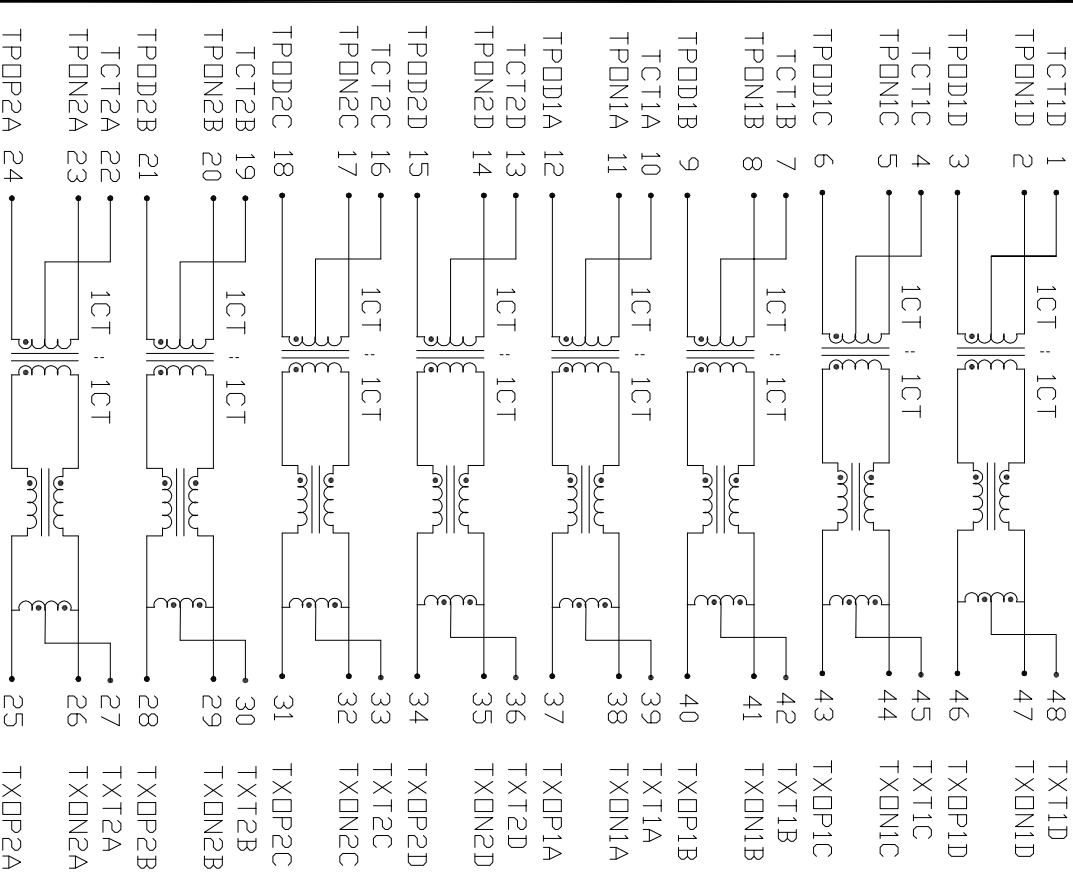


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SCHEMATIC

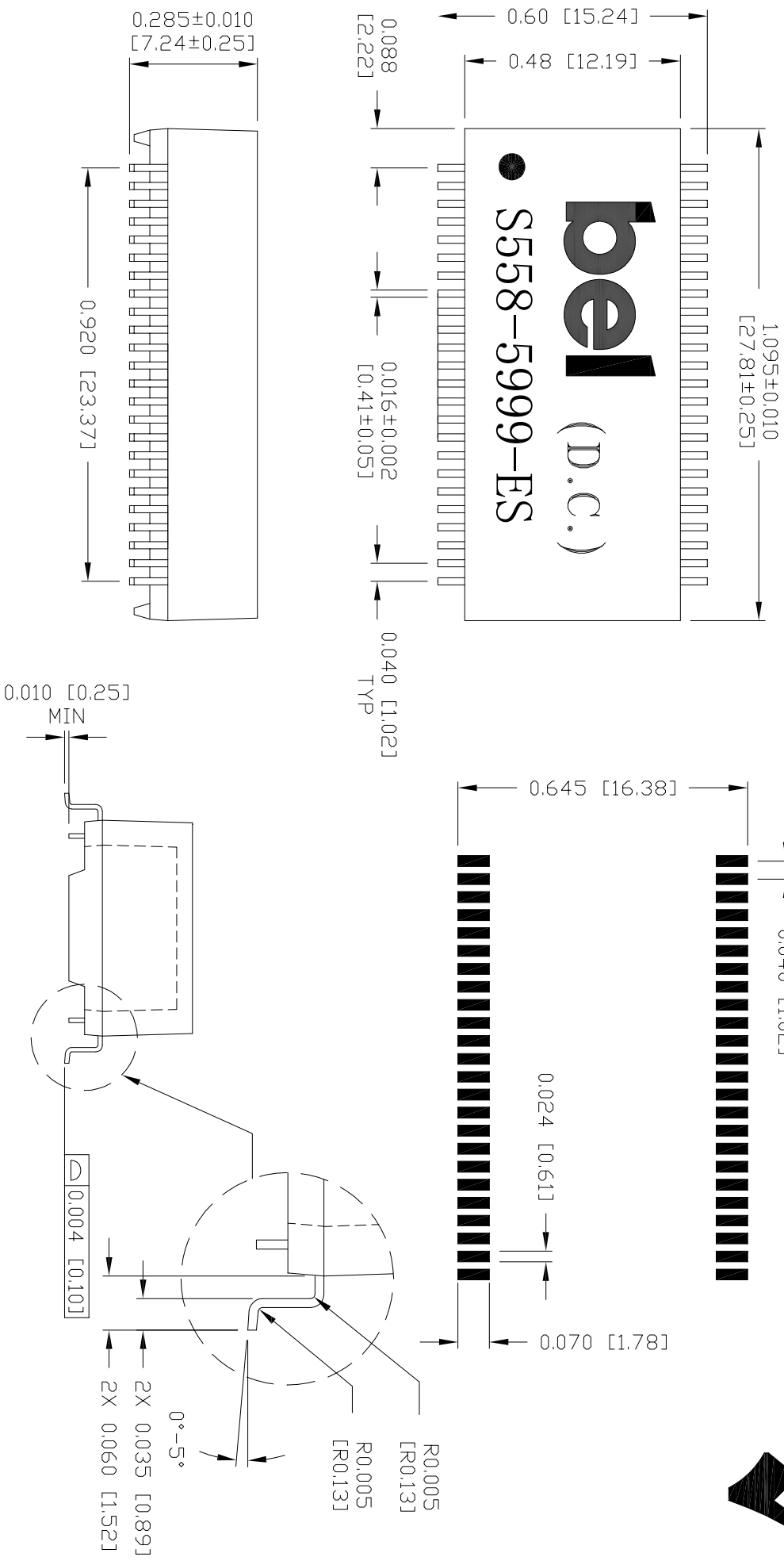


ELECTRICAL CHARACTERISTICS @ 25°C



TCT1D TPDN1D	1 2	1CT : 1CT		48 47	TXT1D TXDN1D	TURN'S RATIO Tx SIDE: 1CT : 1CT
TPDD1D	3			46	TXDP1D	
TCT1C TPDN1C	4 5	1CT : 1CT		45 44	TXT1C TXDN1C	
TPDD1C	6			43	TXDP1C	
TCT1B TPDN1B	7 8	1CT : 1CT		42 41	TXT1B TXDN1B	
TPDD1B	9			40	TXDP1B	
TCT1A TPON1A	10 11	1CT : 1CT		39 38	TXT1A TXDN1A	RETURN LOSS MEASURED UNDER A 100 Ω ENVIRONMENT
TPDD1A	12			37	TXDP1A	
TCT2D TPDN2D	13 14	1CT : 1CT		36 35	TXT2D TXDN2D	
TPDD2D	15			34	TXDP2D	
TCT2C TPDN2C	16 17	1CT : 1CT		33 32	TXT2C TXDN2C	COMMON TD COMMON MODE REJECTION
TPDD2C	18			31	TXDP2C	
TCT2B TPDN2B	19 20	1CT : 1CT		30 29	TXT2B TXDN2B	DCMR
TPDD2B	21			28	TXDP2B	
TCT2A TPDN2A	22 23	1CT : 1CT		27 26	TXT2A TXDN2A	HIPOT
TPDP2A	24			25	TXDP2A	
ORIGINATED BY DATE TITLE yan bin zhang 2025-2-10 Electrical specification DRAWN BY DATE DUAL 1000BASE-T module						
PART NO. / DRAWING NO.						
S558-5999-ES						
FILE NAME						
S558-5999-ES_A.DWG						
STANDARD DIM.						
TOL. IN INCH						
UNIT : INCH [mm]						
SCALE : N/A						
SIZE : A0						
REV. : A PAGE : 2						
 POWER PROTECT CONNECT						

SUGGESTED PCB PAD LAYOUT



ORIGINATED BY	DATE	TITLE			
yan bin zhang	2025-2-10	Electrical specification			
DRAWN BY	DATE	DUAL 1000BASE-T module			
ya chen zhou	2025-2-10				
PART NO. / DRAWING NO.		STANDARD DIM. [] METRIC DIM. AS REF.			
S558-5999-ES		TOL. IN INCH		UNIT : INCH [mm]	
FILE NAME		.X		SCALE : N/A	
S558-5999-ES_A.DWG		.XX ±0.01		SIZE : A0	
		.XXX ±0.005			
					
 POWER PROTECT CONNECT					