

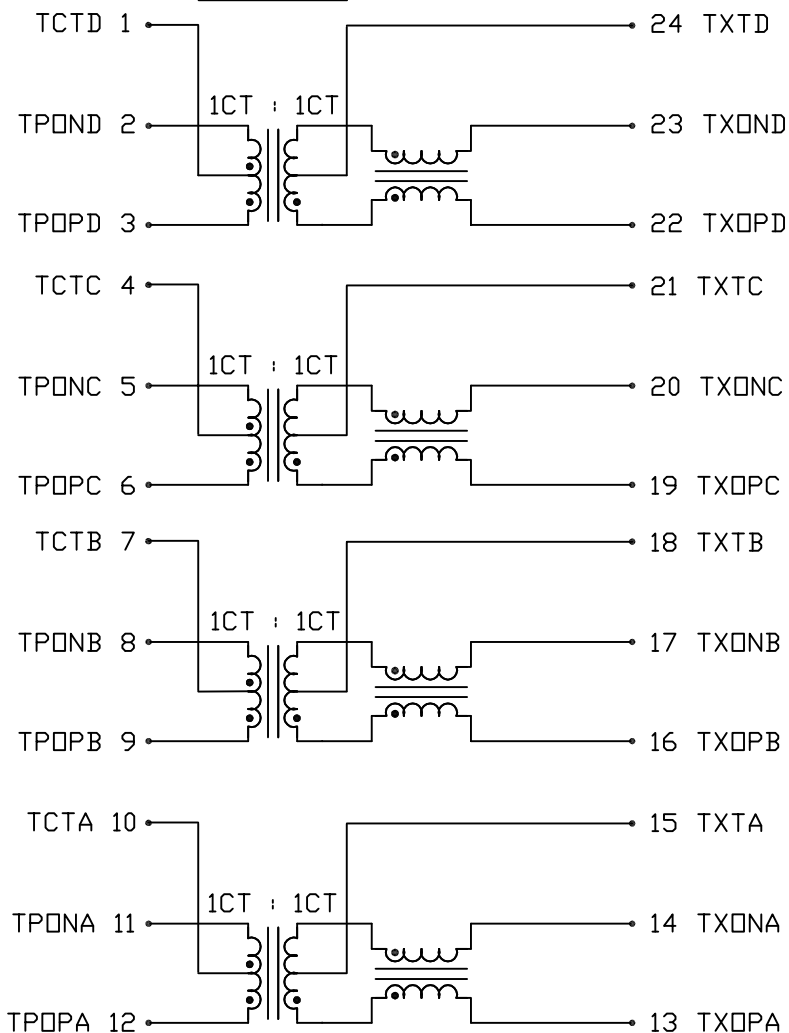
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ELECTRICAL CHARACTERISTICS @25°C

RoHS



SCHEMATIC



TURNS RATIO

(3-1-2) : (22-24-23)
(6-4-5) : (19-21-20)
(9-7-8) : (16-18-17)
(12-10-11) : (13-15-14)

1CT : 1CT
1CT : 1CT
1CT : 1CT
1CT : 1CT

DCL

350μH MIN AT 100kHz, 100mV
WITH 8mA DC BIAS @25°C

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 OHM
±15% ENVIRONMENT

18dB MIN @0.5 TO 40 MHz
12-20LOG(F/80MHz) dB MIN
@40 TO 100 MHz

COMMON TO COMMON REJECTION

30dB MIN @0.1 TO 100 MHz

CROSSTALK

@1 TO 100 MHz
33-20LOG(F/100 MHz) dB MIN

HIPOT

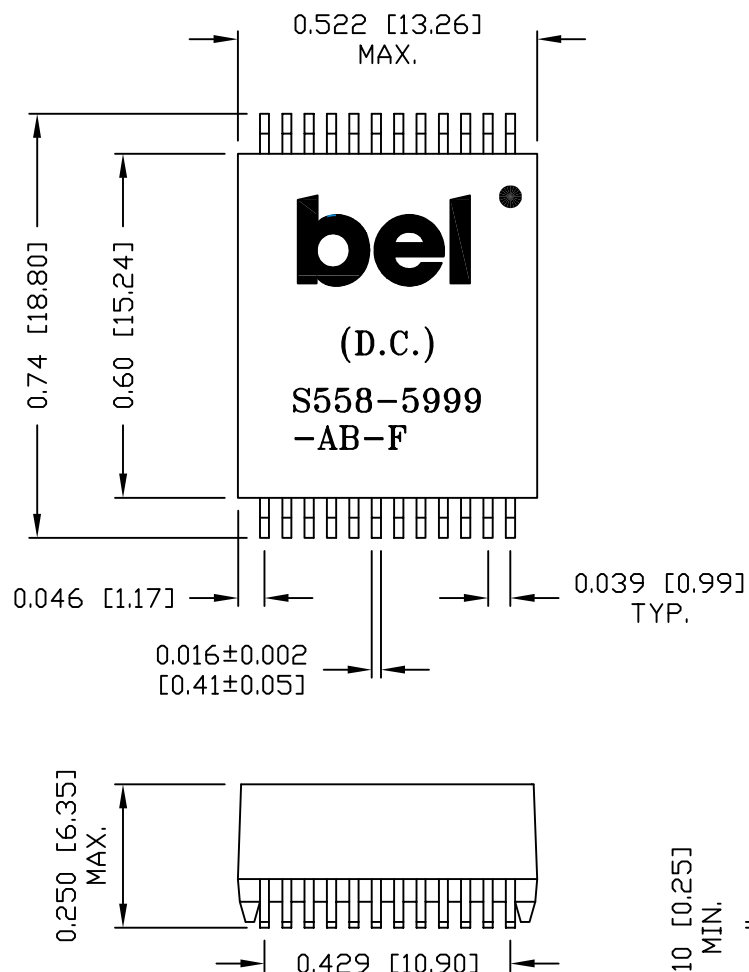
LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC

OPERATION TEMPERATURE: -40°C TO 85°C

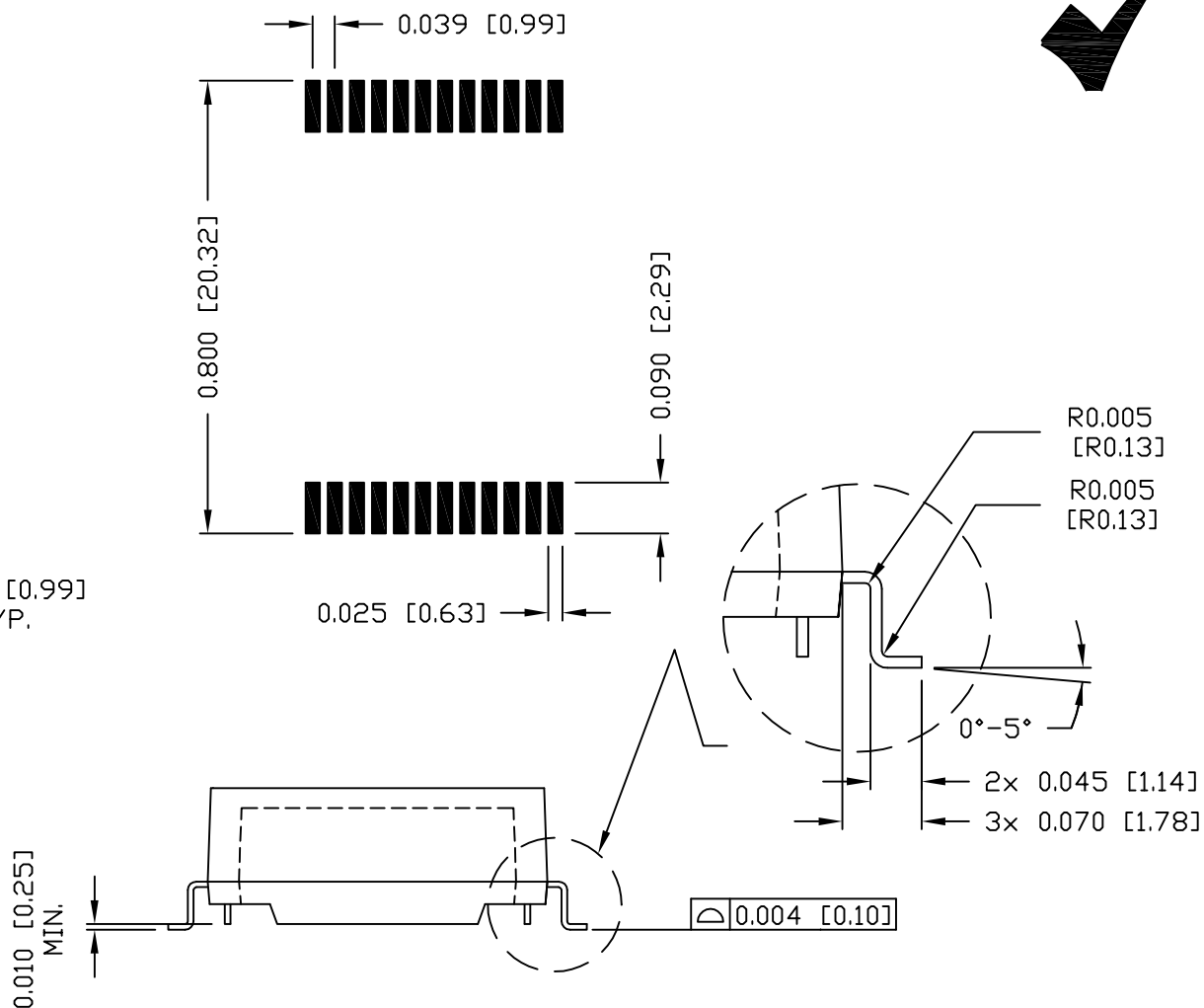
ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REF.		
Alice Pang		2021-01-27		S558-5999-AB-F		TOL. IN INCH		UNIT : INCH [mm]		
DRAWN BY		DATE		FILE NAME		.X		SCALE : N/A		
ZC Guo		2021-01-27		S5585999ABFA.DWG		.XX		SIZE : A4		
						.XXX				



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SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DDC. HAND-WORK-04.
2. PACKAGE CODE: "QTS001".

ORIGINATED BY	DATE	TITLE MECHANICAL DRAWING S558-5999-AB-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REF.		 POWER PROTECT CONNECT
Lawrence Tsang	2021-01-27		S558-5999-AB-F	TOL. IN INCH		UNIT : INCH [mm]		
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A		
ZC Guo	2021-01-27		S5585999ABFA.DWG	.XX	±0.01	 SIZE : A4		
				.XXX	±0.005			

