

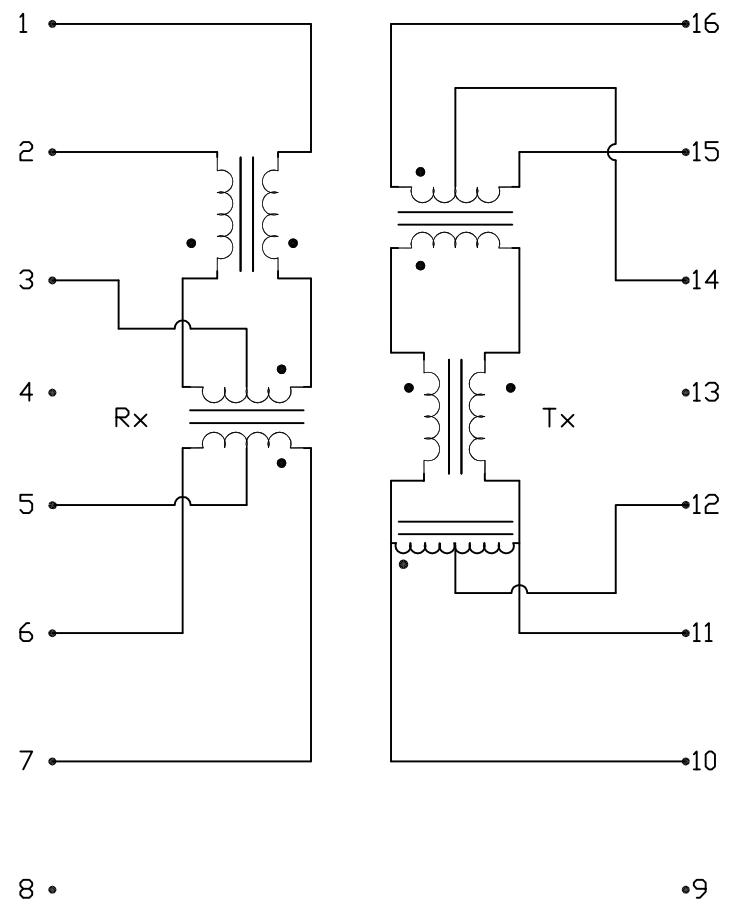
Additional Resources: Product Page 3D Model Technical Documentation

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ELECTRICAL CHARACTERISTICS @ 25°C



SCHEMATIC



TURNS RATIO

(1-3-2) : (7-5-6)
(16-14-15) : (10-12-11)

1CT : 1CT
1CT : 1CT

PHASING

1 TO 7 AND 16 TO 10 IN PHASE

□CL

(7-6) □PEN 1 & 2
(10-11) □PEN 16 & 15

420uH MIN. AT 100kHz, 100mV
WITH 8mA DC BIAS

INSERTION LOSS

1.0dB MAX AT 100kHz TO 80MHZ

RETURN LOSS

MEASURED UNDER 100Ω
ENVIRONMENT (16-15) TO (10-11)
(6-7) TO (1-2)

FREQ	2MHz	10MHz	30MHz	45MHz	60MHz	80MHz
MIN.	20dB	20dB	19dB	16dB	13dB	12dB

RETURN LOSS

MEASURED UNDER 25 AND 100Ω
IMPEDANCE ENVIRONMENT ACROSS
(16-14) AND (10-11)
RESPECTIVELY

17dB MIN AT 5MHz & 10MHz

CMDR

40dB MIN AT 100kHz TO 50MHz
30dB MIN ABOVE 50M TO 100MHZ

CROSSTALK

30dB MIN AT 100kHz TO 100MHZ

HIPDT

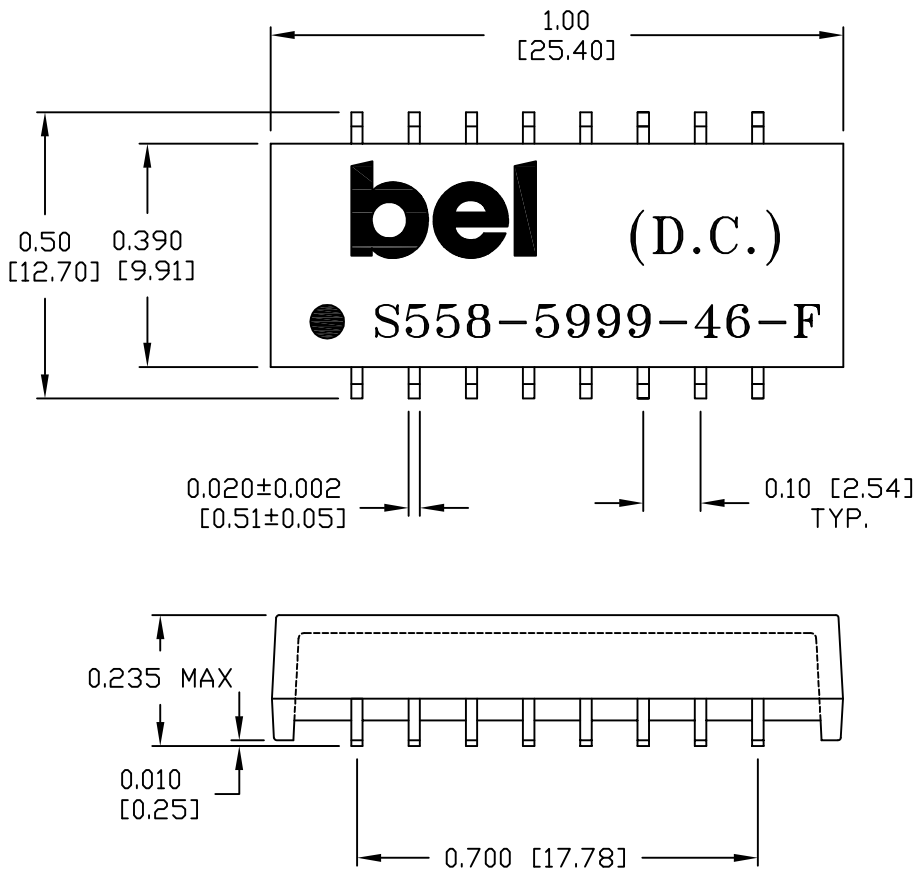
LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC

NOTES :
THIS PRODUCT HAS BEEN SUPPLYING TO JAPAN CUSTOMERS. PCN PROCESS NEEDS TO COMPLY WITH 4M CRITERIA.

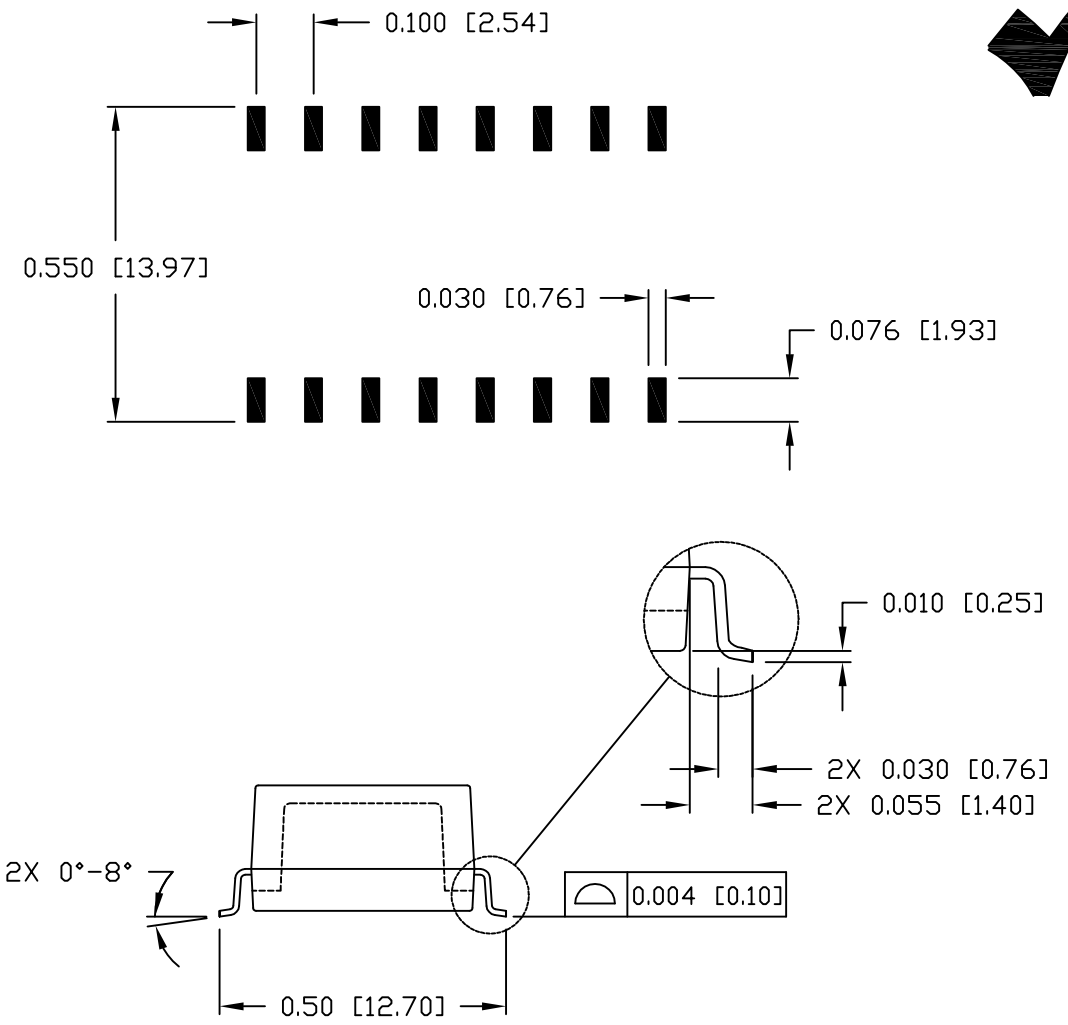
ORIGINATED BY		DATE	TITLE ELECTRICAL SPECIFICATION S558-5999-46-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REF.		 POWER PROTECT CONNECT
Alice Pang		2021-01-26		S558-5999-46-F	TOL. IN INCH		UNIT : INCH [mm]		
DRAWN BY		DATE		FILE NAME S558599946FA.DWG	.X		SCALE : N/A		
ZC Guo		2021-01-26			.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: "RNS001".
- 3. THIS PRODUCT HAS BEEN SUPPLYING TO JAPAN CUSTOMERS. PCN PROCESS NEEDS TO COMPLY WITH 4M CRITERIA.

ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REF.		 POWER PROTECT CONNECT
Lawrence Tsang		2021-01-26		S558-5999-46-F		TOL. IN INCH		UNIT : INCH [mm]		
DRAWN BY		DATE		FILE NAME		.X		SCALE : N/A		
ZC Guo		2021-01-26		S558599946FA.DWG		.XX ±0.01		 SIZE : A4		
			MECHANICAL DRAWING							
			S558-5999-46-F							