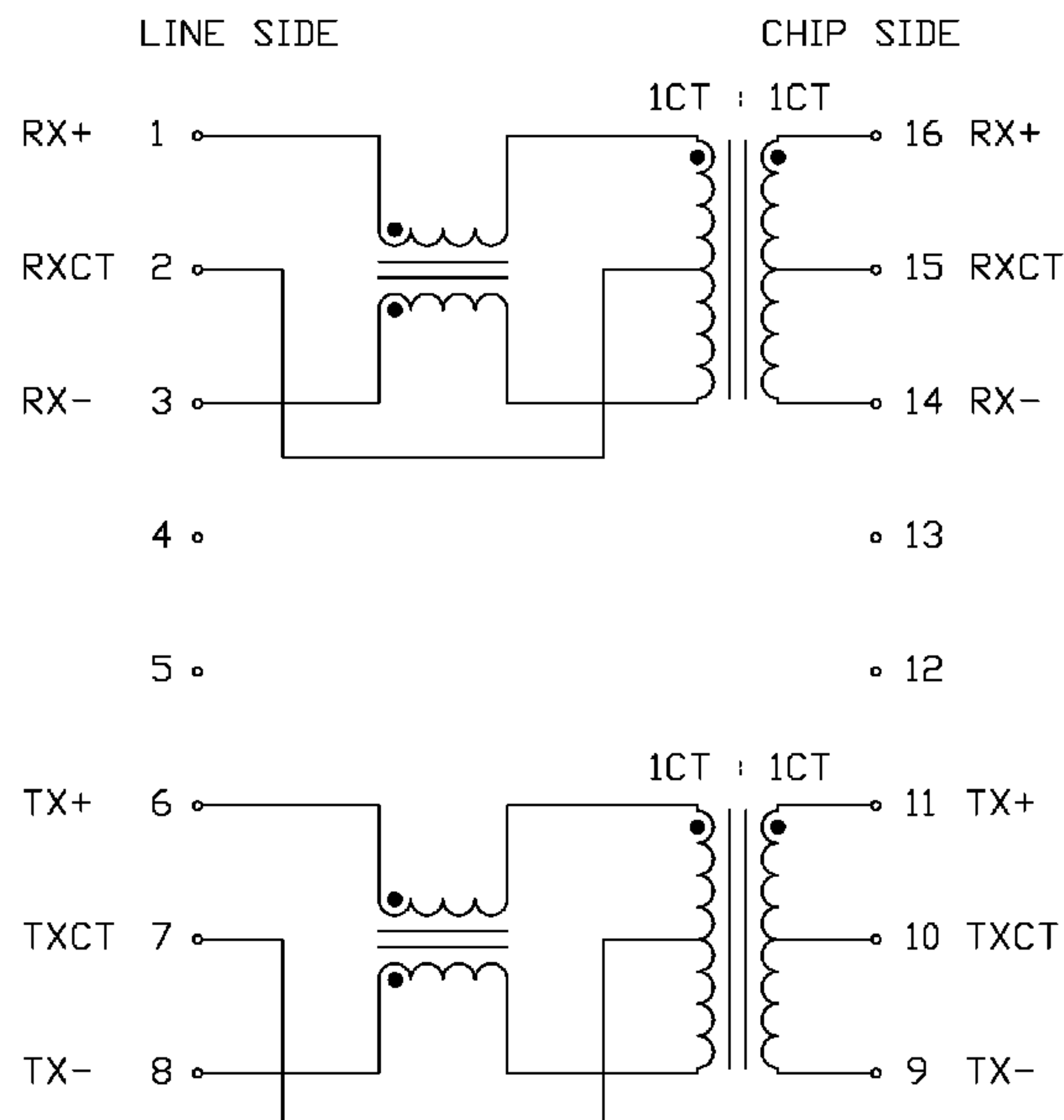


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ELECTRICAL CHARACTERISTICS @25°C



SCHEMATIC



TURNS RATIO

PIN 1-2-3 : 16-15-14

PIN 6-7-8 : 11-10-9

1CT : 1CT

1CT : 1CT

DCL @ 100kHz/100mVrms

W/8mA DC BIAS

PIN 16-14

11-9

350μH MIN.

LEAKAGE INDUCTANCE (Le)

@ 1MHz, 20mV

PIN 16-14 SHORT 1-3

PIN 11-9 SHORT 6-8

300nH MAX.

INTERWINDING CAPACITANCE (Cw/w)

@ 1MHz, 20mV

PIN 1-3 TO 16-14

PIN 6-8 TO 11-9

30pF MAX.

INSERTION LOSS

100kHz-100MHz

1.0dB MAX.

RETURN LOSS

@ 1MHz-30MHz

@ 30-60MHz

@ 60-80MHz

18dB MIN.

18-20 LOG (F/30MHz) MIN.

12dB MIN.

CROSSTALK

@ 100kHz-100MHz

35dB MIN.

CM TO CM MODE REJ.

@ 100kHz-100MHz

30dB MIN.

CM TO DM MODE REJ.

@ 100kHz-100MHz

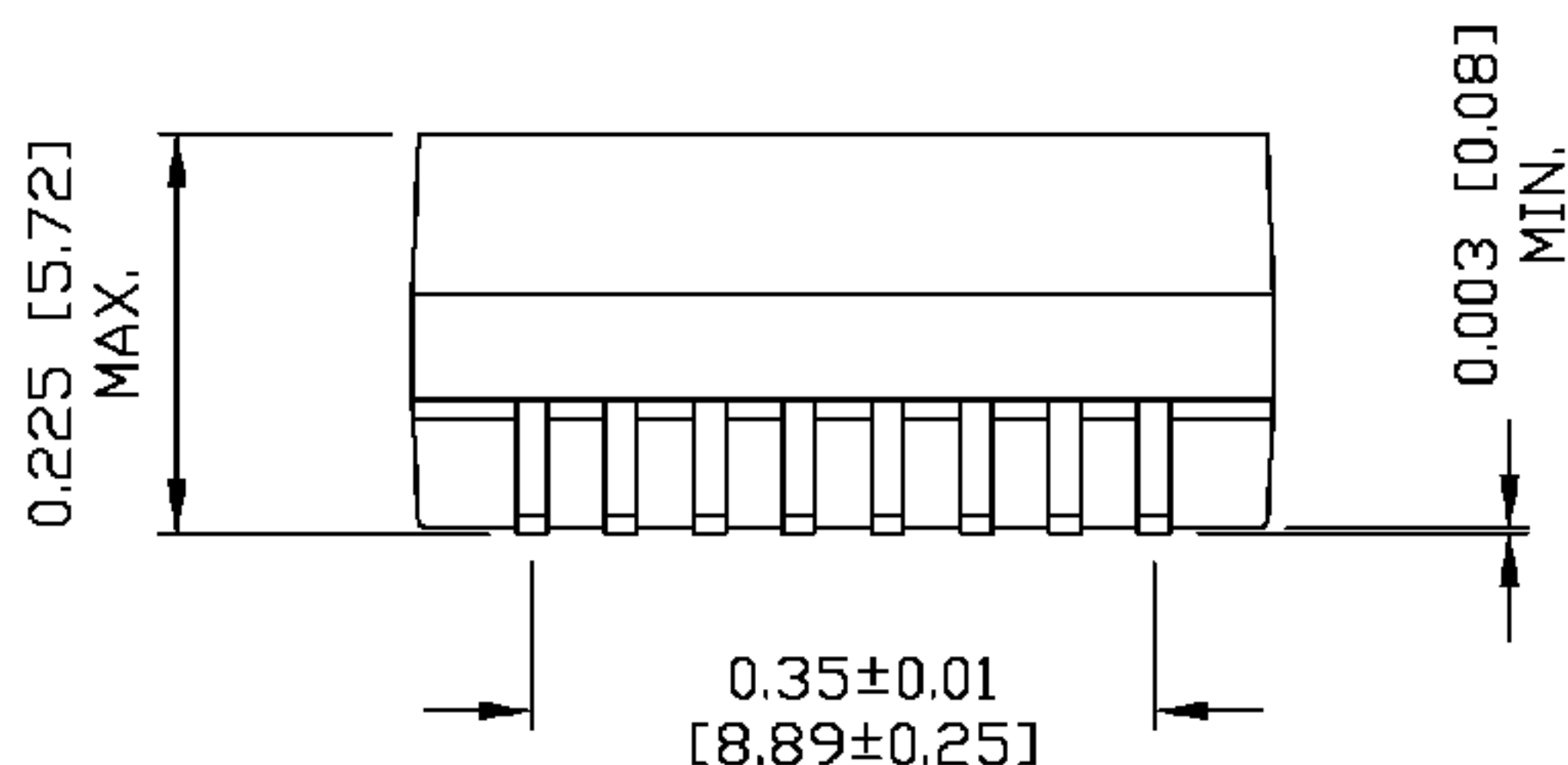
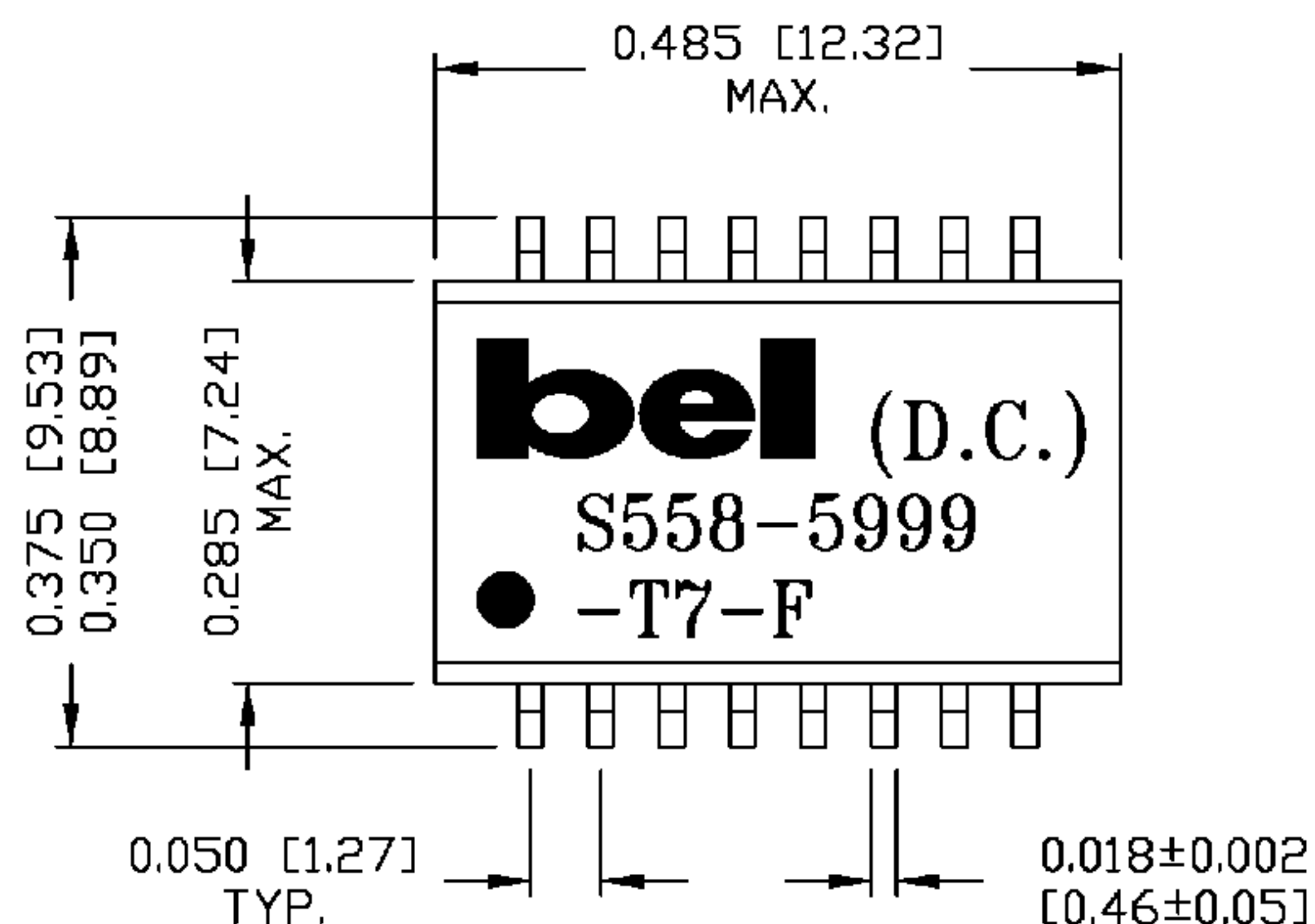
40dB MIN.

HIPOT

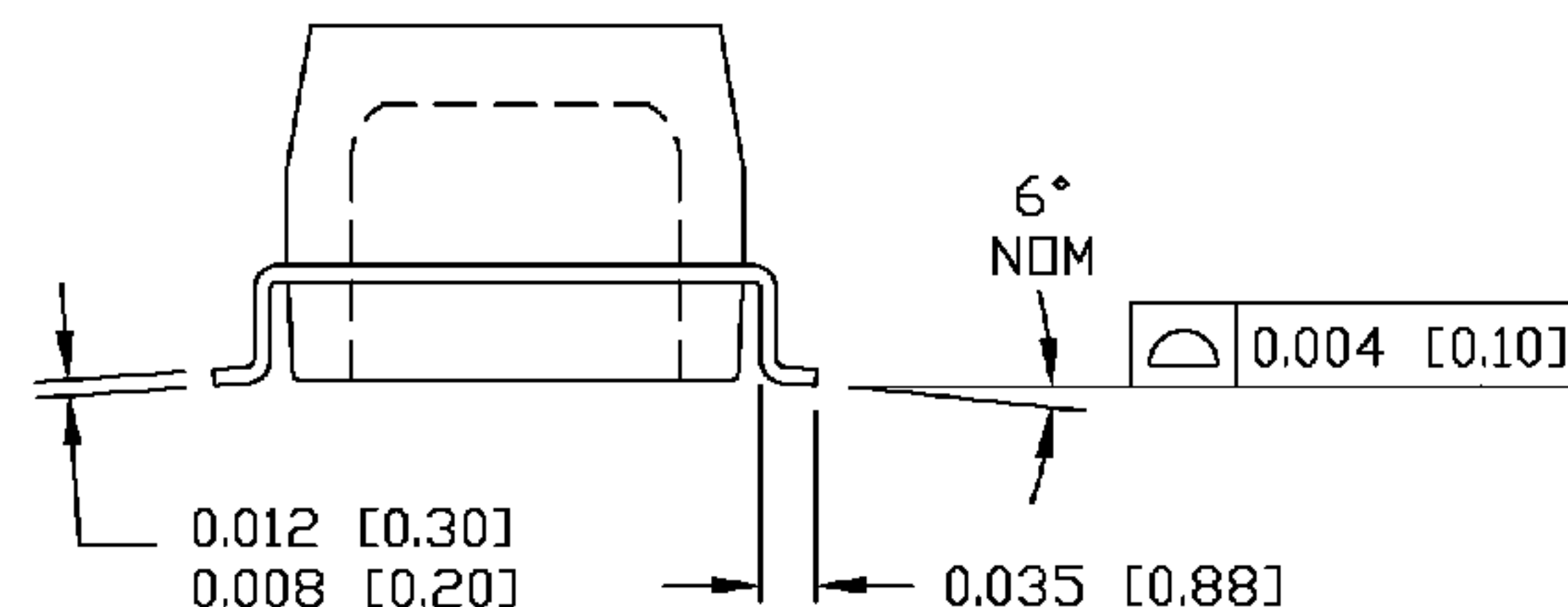
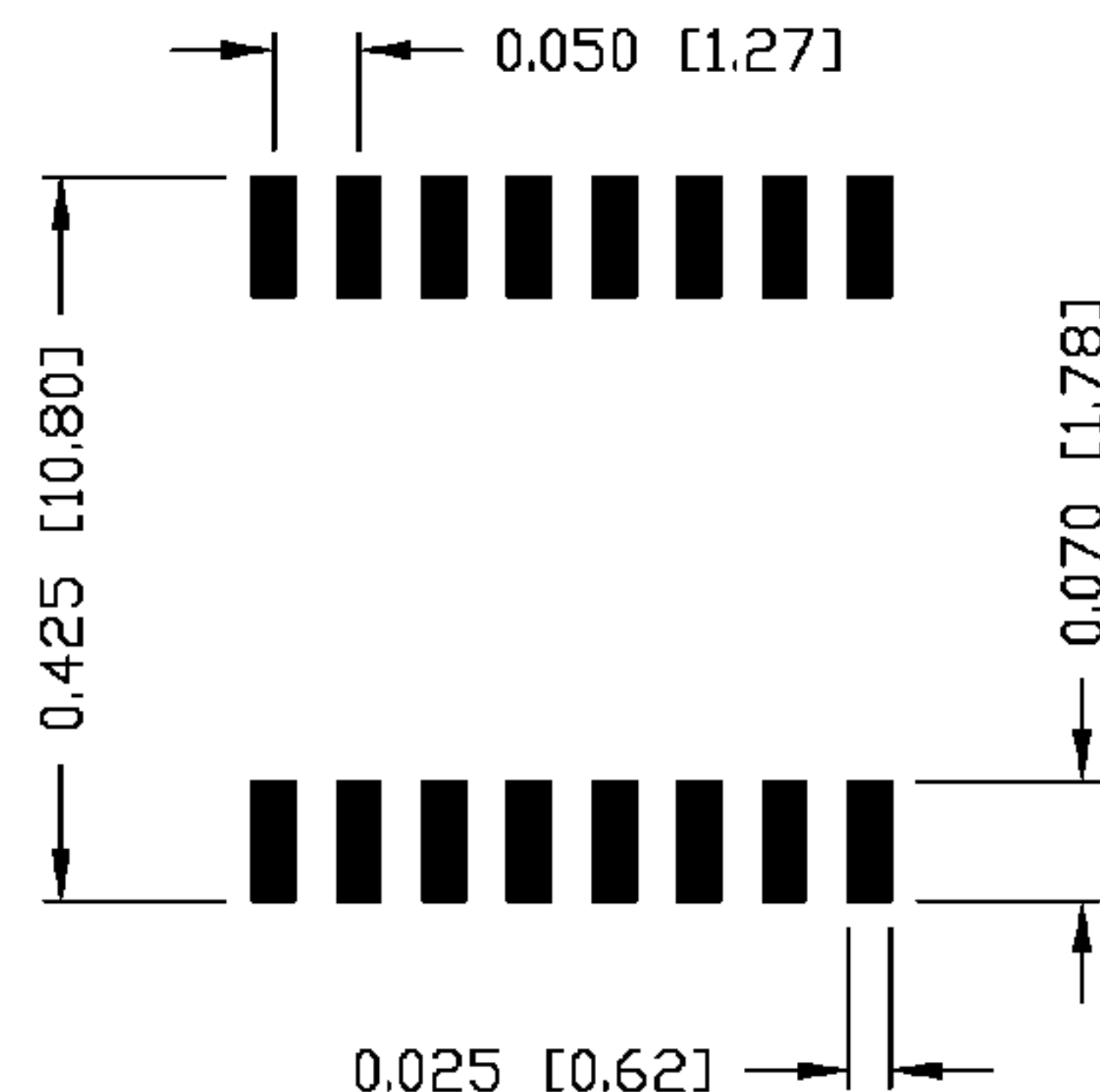
PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
HQ	05-25-05	10/100BT MAGNETIC MODULE S558-5999-T7-F	X5585999T7-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
DQ Chen	05-25-05		X5585999T7FA.DWG	.XX		PAGE : 2
				.XXX		

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SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "QBS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET
HD	05-25-05	MECHANICAL DRAWING	X5585999T7-F	.X	UNIT : INCH [mm]	
DRAWN BY	DATE	S558-5999-T7-F	FILE NAME	.XX	SCALE : N/A	
DQ Chen	05-25-05		X5585999T7FA.DWG	.XXX	SIZE : A4	
					PAGE : 3	