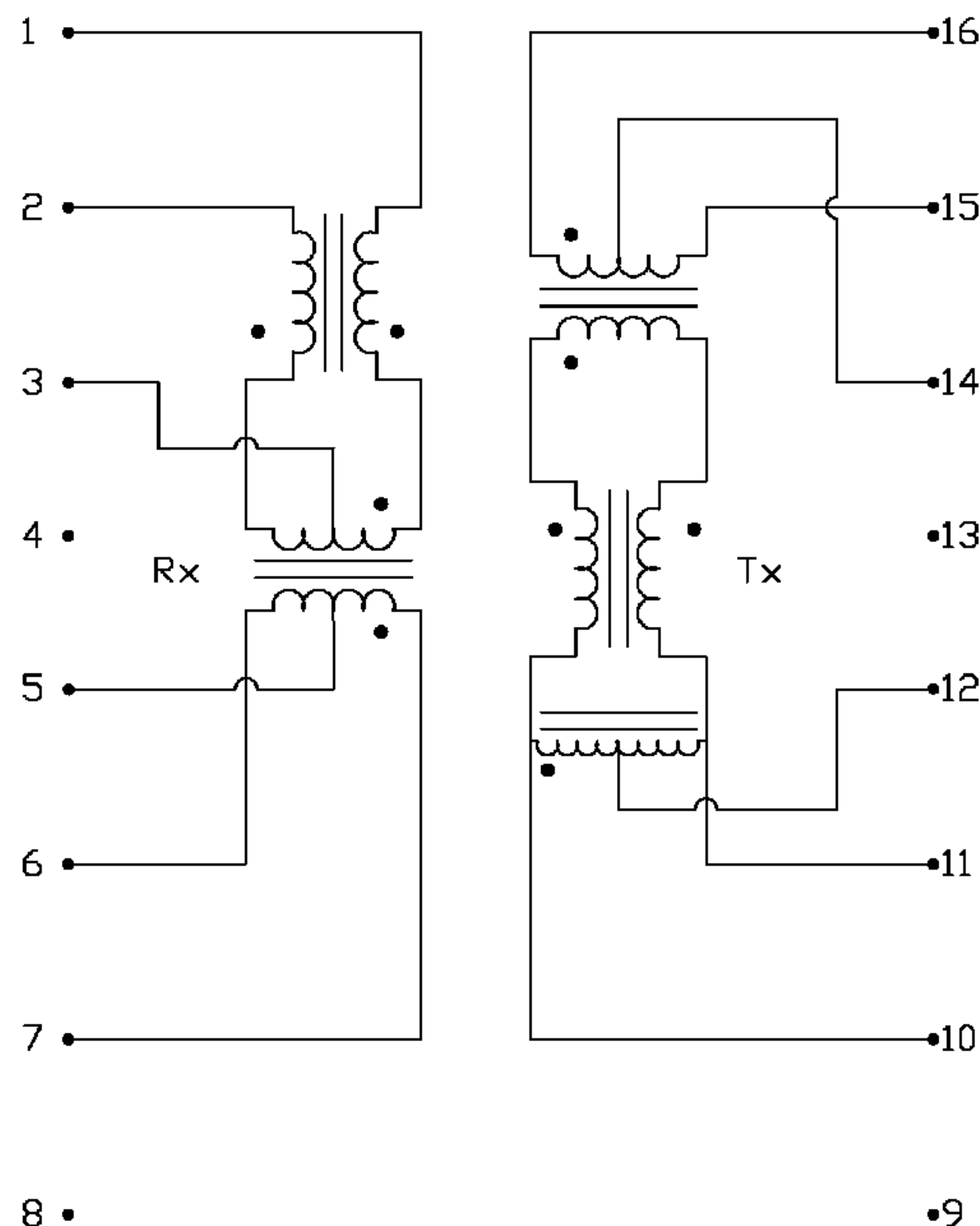




ELECTRICAL CHARACTERISTICS @ 25°C

SCHEMATIC



URNS RATIO

1CT : 1CT

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

PHASING

1 TO 7 AND 16 TO 10 IN PHASE

DCL (-40°C TO +85°C)
(7-6) OPEN 1-2
(10-11) OPEN 16-15

350μH MIN
AT 100kHz 100mVrms
WITH 8mA DC BIAS

INSERTION LOSS

1.0dB MAX
AT 100kHz TO 80MHz

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

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

RETURN LOSS
MEASURED UNDER 25 AND 100 Ω
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

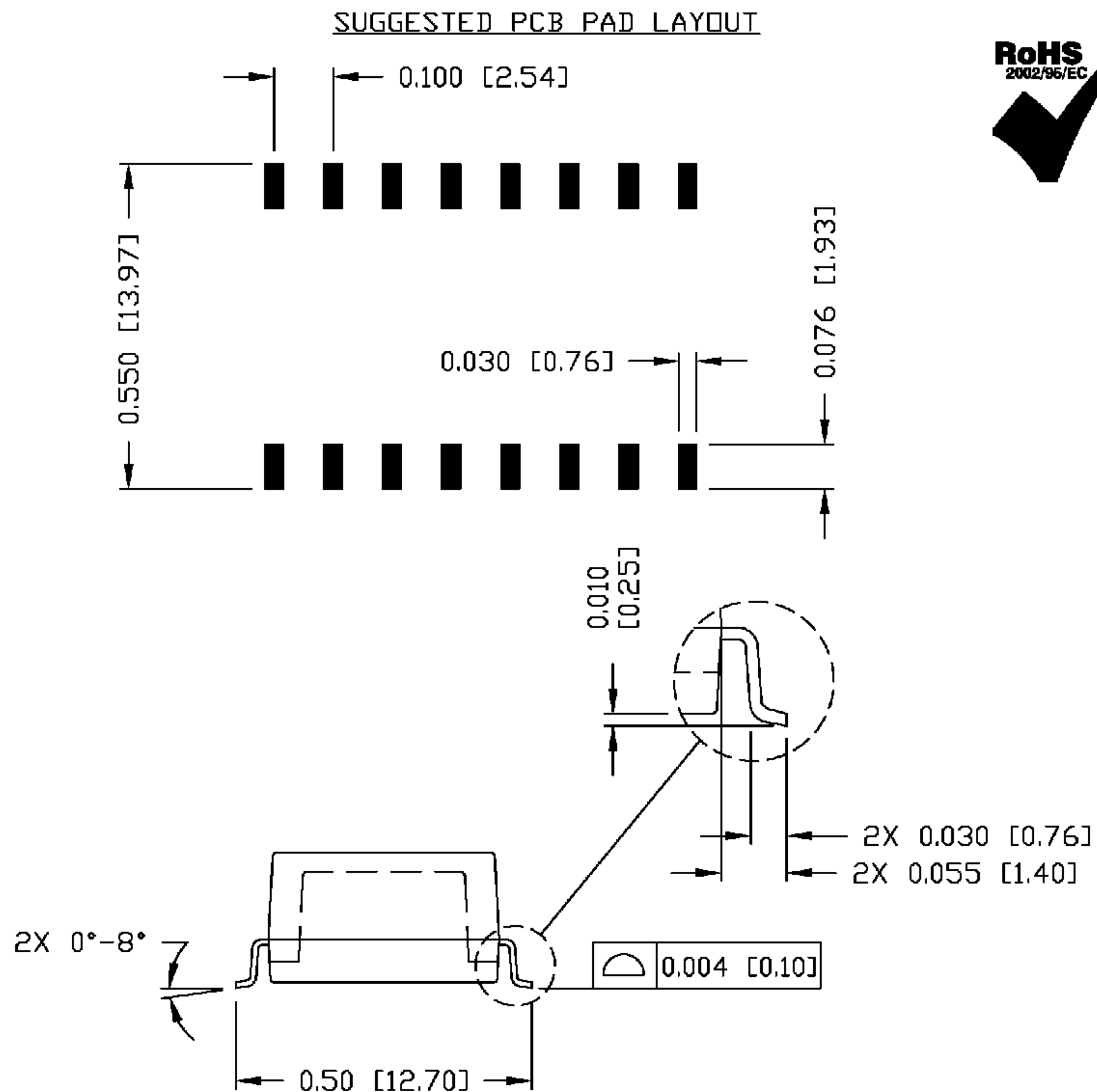
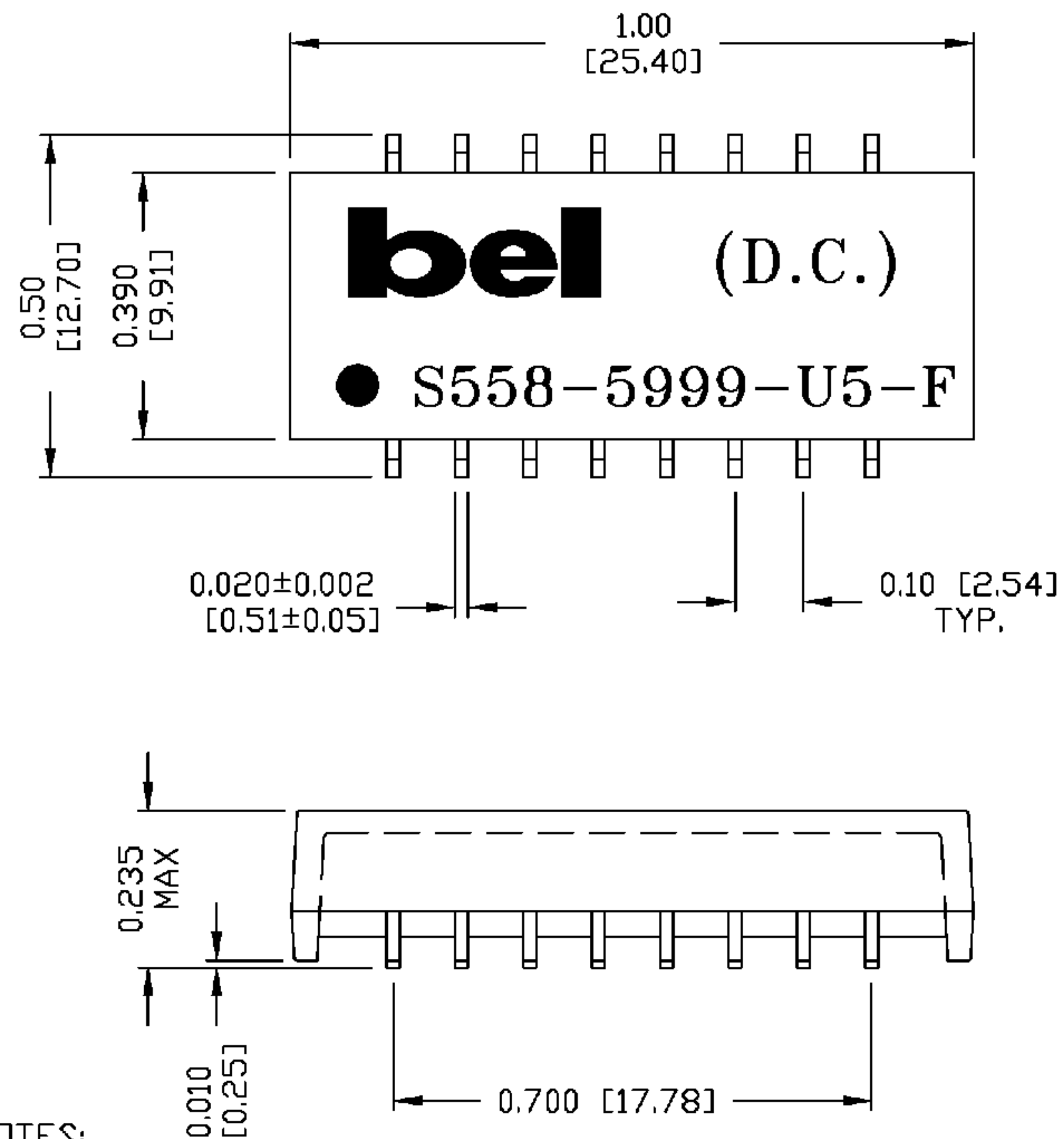
HIPOT

PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
HD	02-22-06	10/100BT MAGNETICS MODULE	X5585999U5-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
DQ Chen	02-22-06	S558-5999-U5-F	X5585999U5FA.DWG	.XXX	PAGE : 2



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NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "RNS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
HD	02-22-06	MECHANICAL DRAWING	X5585999U5-F	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
DQ Chen	02-22-06	S558-5999-U5-F	X5585999U5FA.DWG	.XXX	±0.01	PAGE : 3
					±0.005	

Mouser Electronics

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