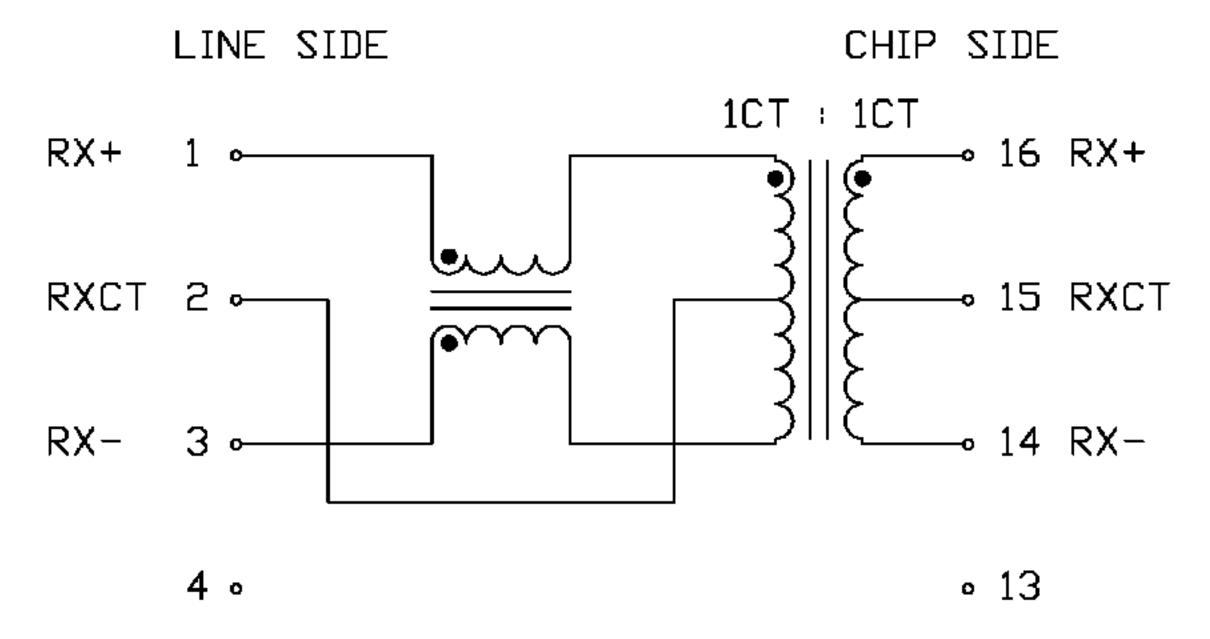
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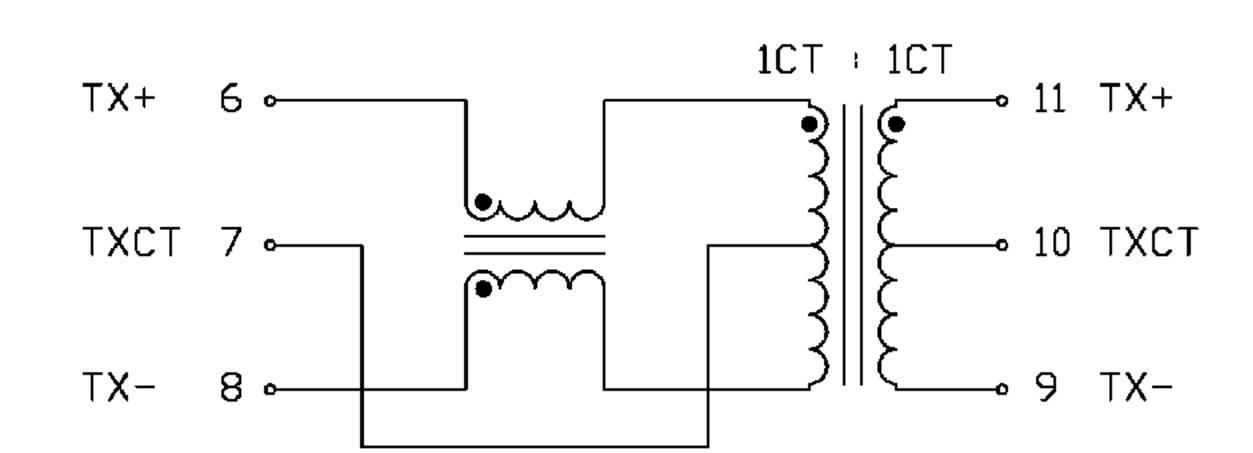
5。

## ELECTRICAL CHARACTERISTICS @25°C



## <u>SCHEMATIC</u>





TURNS	RAIIU	
DTN	1_2_2	

PIN 1-2-3 : 16-15-14 1CT : 1CT PIN 6-7-8 : 11-10-9 1CT : 1CT

DCL @ 100 kHz/100 mVrms 350 $\mu \text{H}$  MIN.

W/8mA DC BIAS PIN 16-14

11-9

LEAKAGE INDUCTANCE (Le) 300nH MAX.

@ 1MHz, 20mV

PIN 16-14 SHORT 1-3 PIN 11-9 SHORT 6-8

INTERWINDING CAPACITANCE (Cw/w) 30pF MAX.

@ 1MHz, 20mV

PIN 1-3 TO 16-14 PIN 6-8 TO 11-9

INSERTION LOSS 1.0dB MAX.

100kHz-100**M**Hz

RETURN LOSS

• 12

@ 1MHz-30MHz 18dB MIN.

@ 30-60MHz 18-20 LOG (F/30MHz) MIN.

35dB MIN.

**@** 60−80MHz 12dB MIN.

CROSSTALK

@ 100kHz-100MHz

CM TO CM MODE REJ. 30dB MIN.

@ 100kHz-100MHz

CM TO DM MODE REJ. 40dB MIN.

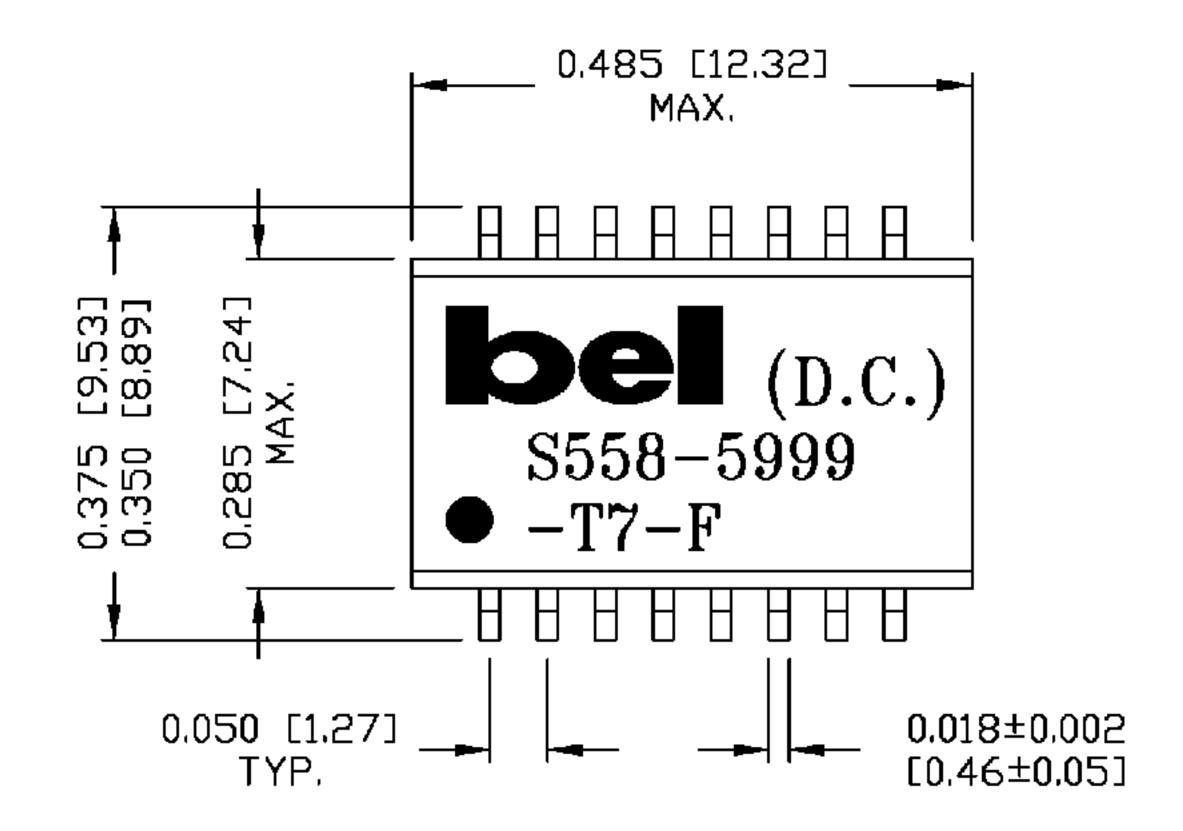
@ 100kHz-100MHz

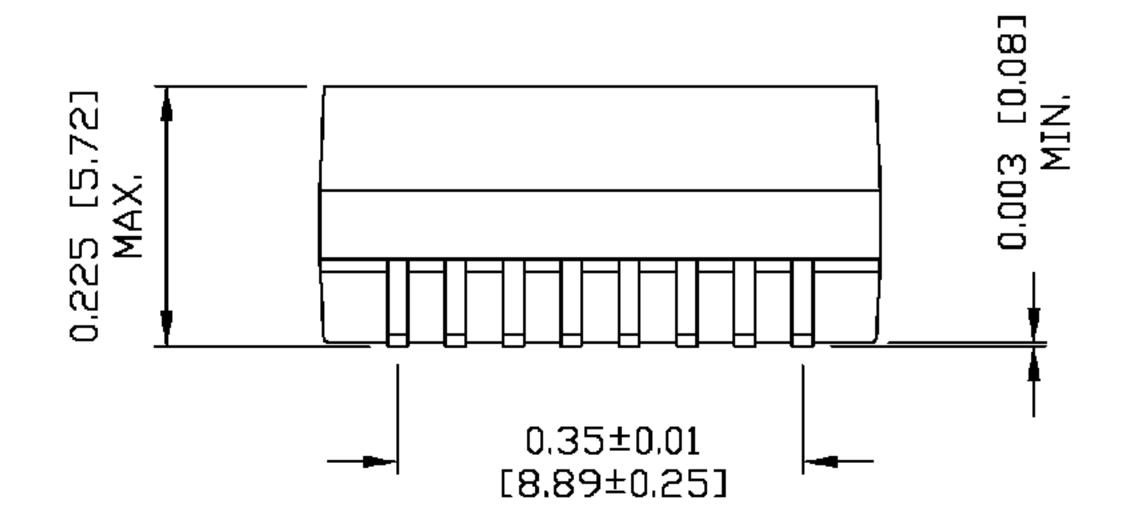
HIPOT PER HAND-WORK-03

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



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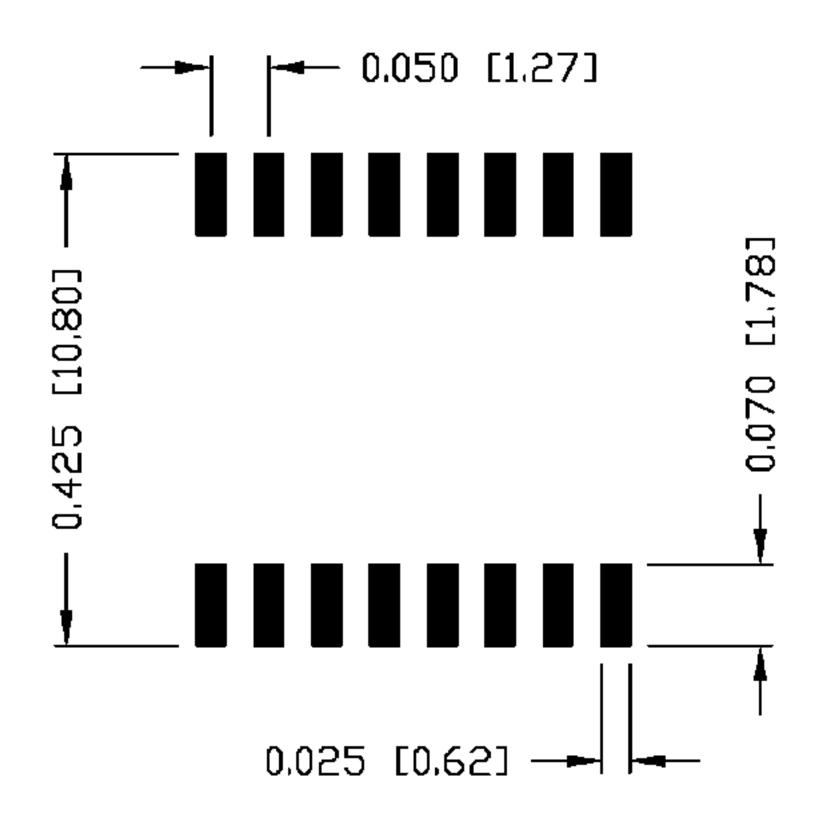


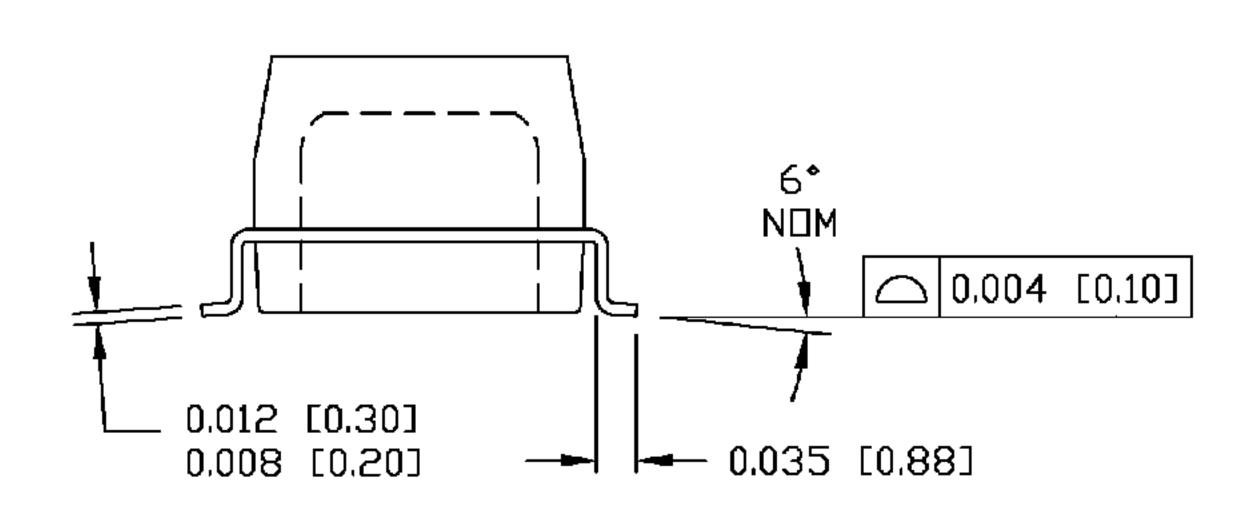
NOTES:

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

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[ ] METRIC DIM. AS REFERENCE	CE
НП	05-25-05	MECHANICAL DRAWING	X5585999T7-F	TOL. IN INCH	UNIT: INCH [mm] REV.:	4
DRAWN BY	DATE	S558-5999-T7-F	FILE NAME	.X ±0.01	SCALE: N/A SIZE: A	.4
DQ Chen	05-25-05		X5585999T7FA.DWG	.XXX ±0.005	PAGE:	3
DC02(2)032305	This document is electronically generated. This is a controlled copy if used internally					

## SUGGESTED PCB PAD LAYOUT







RoHS 2002/95/EC