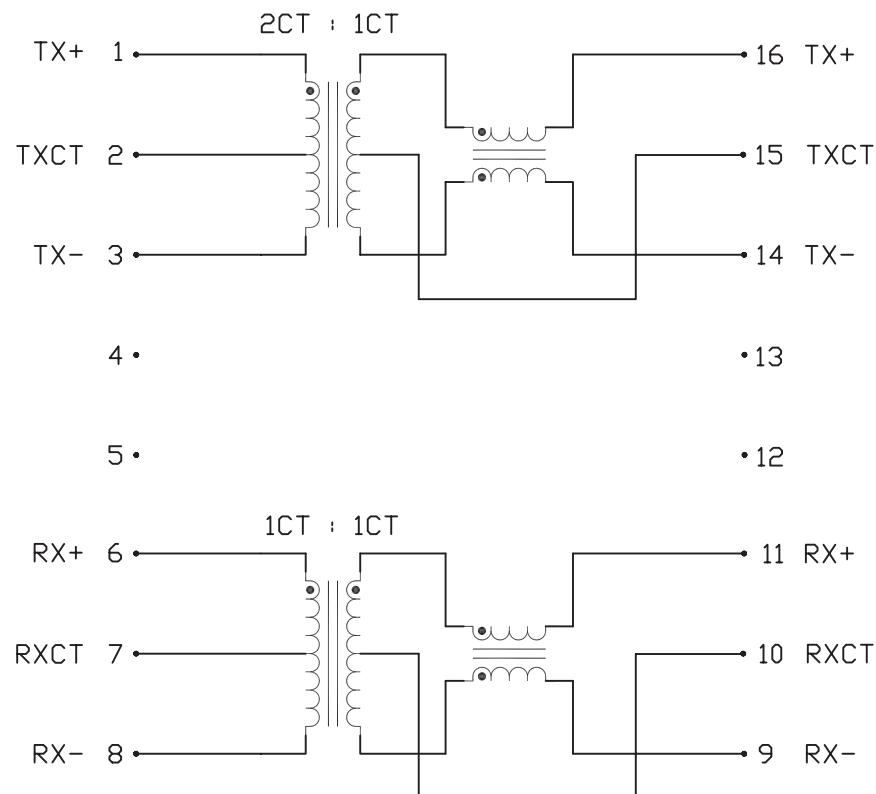


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ELECTRICAL SPECIFICATIONS @25°C

SCHEMATIC



URNS RATIO

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

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

2CT : 1CT

1CT : 1CT

POLARITY

PER DOT CONVENTION

QCL

(16-14) : (11-9)

350μH MIN.

@100kHz, 100mVrms
WITH 8mA DC BIAS

LEAKAGE INDUCTANCE, Le

(16-14) short (1-3)

(11-9) short (6-8)

300nH MAX.

@1MHz, 20mVrms

INTERWINDING CAPACITANCE, Cww

(1-3) TO (16-14)

(6-8) TO (11-9)

25pF MAX.

@1MHz, 20mVrms

INSERTION LOSS

300kHz-100MHz

1.2dB MAX

RETURN LOSS

300kHz-30MHz

30MHz-60MHz

60MHz-80MHz

16dB MIN

16-20 LOG(f/30MHz) dB MIN

10dB MIN

CROSSTALK

300kHz-100MHz

35dB MIN

CM TO CM REJ.

300kHz-100MHz

30dB MIN

CM TO DM REJ.

300kHz-100MHz

40dB MIN

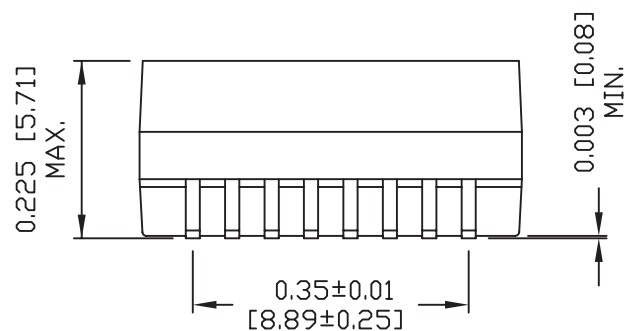
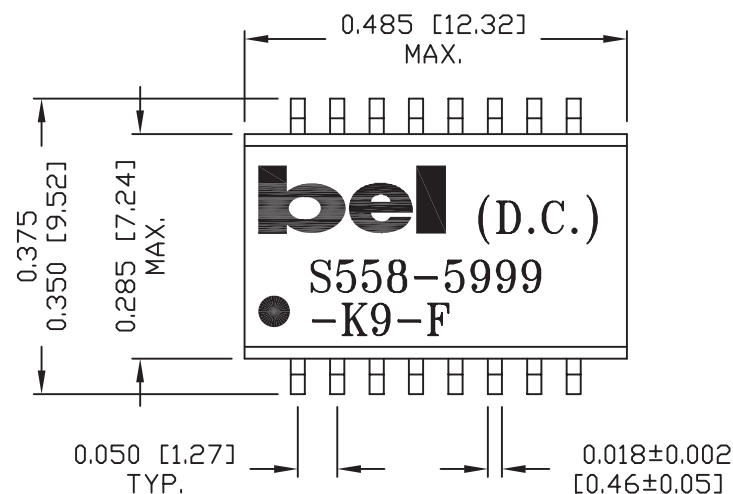
HIPOT

PER HAND-WORK-03

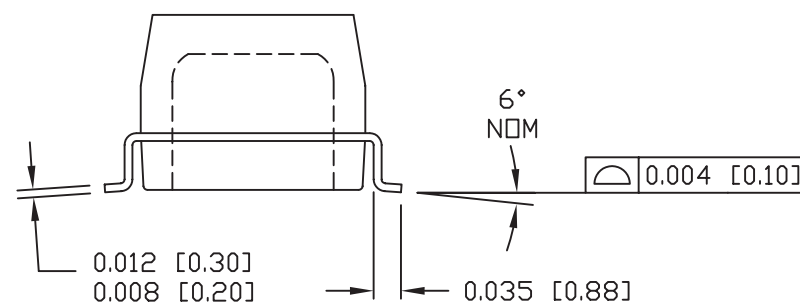
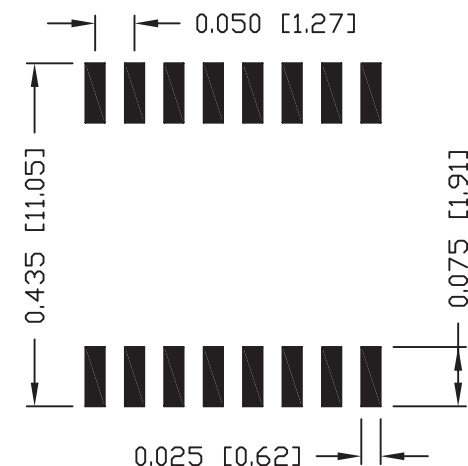
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
CHAN CH	08-04-09	ELECTRICAL SPECIFICATION S558-5999-K9-F	X5585999K9-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
JM CHEN	08-04-09		X5585999K9F.B.DWG	.XX		PAGE : 2
				.XXX		



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SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DDC. 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
CHAN CH	08-04-09	MECHANICAL OUTLINE S558-5999-K9-F	X5585999K9-F	.X	UNIT : INCH [mm]	
DRAWN BY	DATE		FILE NAME	.XX ±0.01	SCALE : N/A	
JM CHEN	08-04-09		X5585999K9F B.DWG	.XXX ±0.005		
					REV. : B	SIZE : A4
					PAGE : 3	