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ELECTRICAL CHARACTERISTICS @ 25°C



SCHEMATIC

URNS RATIO

Tx SIDE:
Rx SIDE:

1CT : 1CT
1CT : 1CT

POLARITY :

Rx 4°&37°, 7°&34°, 14°&27°, 17°&24°
Tx 1°&40°, 10°&31°, 11°&30°, 20°&21°
IN PHASE

OCL

350μH MIN. @ 100kHz, 100mV
WITH 8mA D.C. BIAS.

INSERTION LOSS

@ 100kHz - 80MHz 1.0 dB MAX

RETURN LOSS

MEASURED UNDER A
100 Ω ENVIRONMENT

@ 0.1MHz - 30MHz 18 dB MIN.
@ 30MHz - 60MHz 18-20 LOG<f/30MHz>
@ 60MHz - 80MHz 12 dB MIN.

COMMON TO DIFFERENTIAL MODE REJECTION

@ 0.1MHz TO 100MHz 40 dB MIN.

COMMON TO COMMON MODE REJECTION

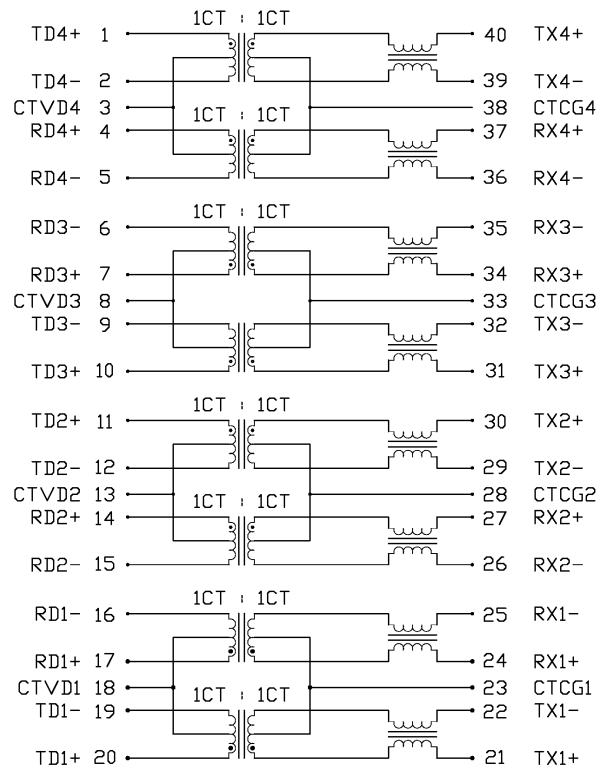
@ 0.1MHz TO 100MHz 35 dB MIN.
@ 100MHz TO 500MHz 20 dB MIN.

CROSSTALK

@ 0.1MHz TO 100MHz 32 dB MIN.

HIPOT

PER HAND-WORK-03



DRWN	DATE
DQ Chen	12-10-04
CHKD	DATE
HD	12-10-04

TITLE
ELECTRICAL SPECIFICATION
S558-5999-Q9-F

PART NO. / DRAWING NO.
X5585999Q9-F
FILE NAME
X5585999Q9F.DWG

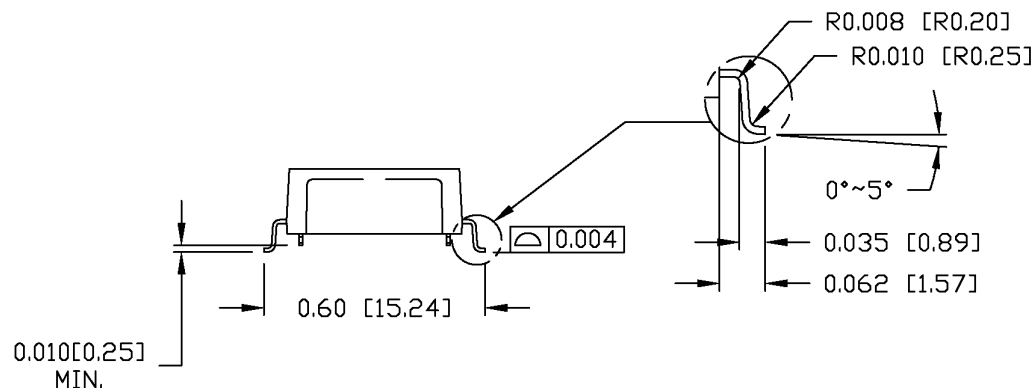
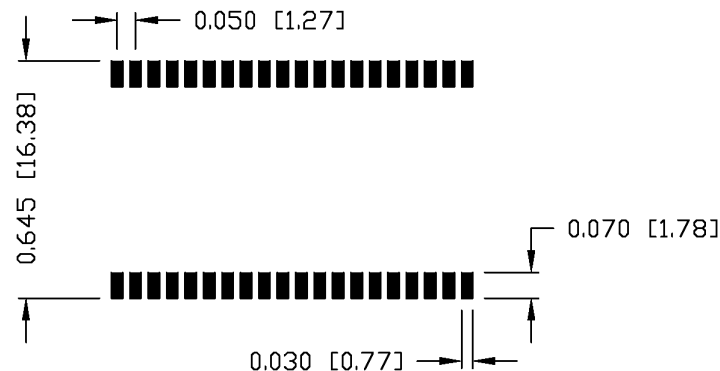
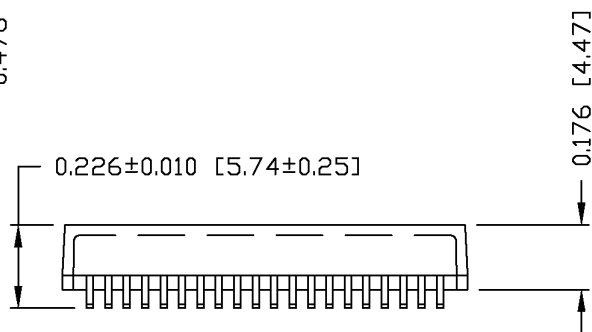
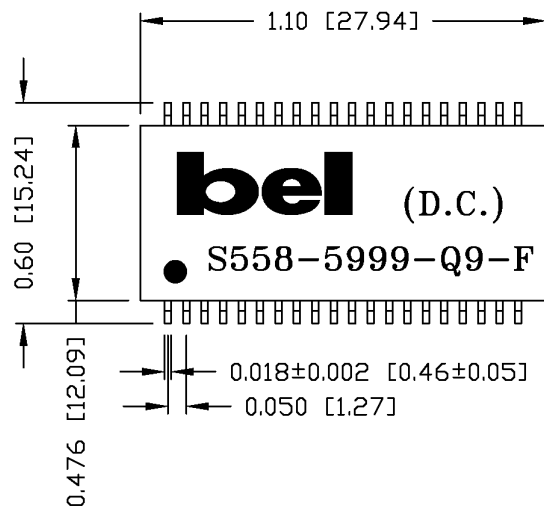
STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
UNIT : INCH [mm]	REV. : B	
SCALE : N/A	SIZE : A4	
.XX .XXX	PAGE : 2	



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SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "RRS001".

DRWN	DATE
Yang Hao	12-10-04
CHKD	DATE
Lawrence	12-10-04

TITLE
MECHANICAL DRAWING
S558-5999-Q9-F

PART NO. / DRAWING NO.
X5585999Q9-F
FILE NAME
X5585999Q9F B.DWG

STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
.X	UNIT : INCH [mm]	REV. : B
.XX ±0.01	SCALE : N/A	SIZE : A4
.XXX ±0.005		PAGE : 3



Mouser Electronics

Authorized Distributor

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