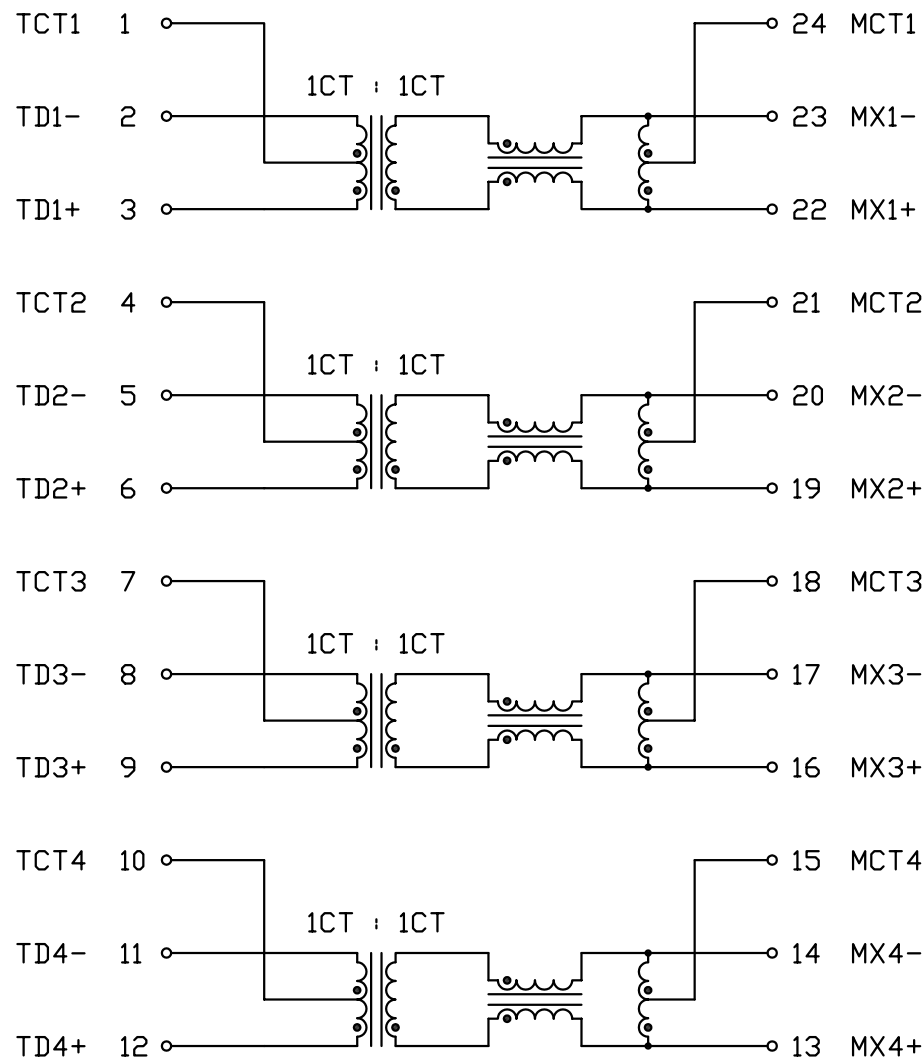




SCHEMATIC



ELECTRICAL CHARACTERISTICS @25°C

URNS RATIO

(3-1-2) : (22-24-23)
(6-4-5) : (19-21-20)
(9-7-8) : (16-18-17)
(12-10-11) : (13-15-14)

1CT : 1CT
1CT : 1CT
1CT : 1CT
1CT : 1CT

POLARITY

PER DOT CONVENTION

DCL

(23-22), (20-19)
(17-16), (14-13)

350μH MIN @100kHz, 100mV
WITH 8mA DC BIAS
-40°C TO +85°C

OPERATING TEMPERATURE

INSERTION LOSS

1.1dB MAX @0.1 TO 1MHz
1.0dB MAX @1 TO 100MHz

COMMON TO COMMON MODE REJECTION

22.0dB MIN @30MHz
23.0dB MIN @50MHz
20.5dB MIN @80MHz
20.0dB MIN @100MHz

RETURN LOSS

UNDER 100 OHM ±15% ENVIRONMENT

18dB MIN @0.5 TO 40MHz
12-20LOG (f/80MHz) MIN
@40 TO 100MHz

CROSSTALK

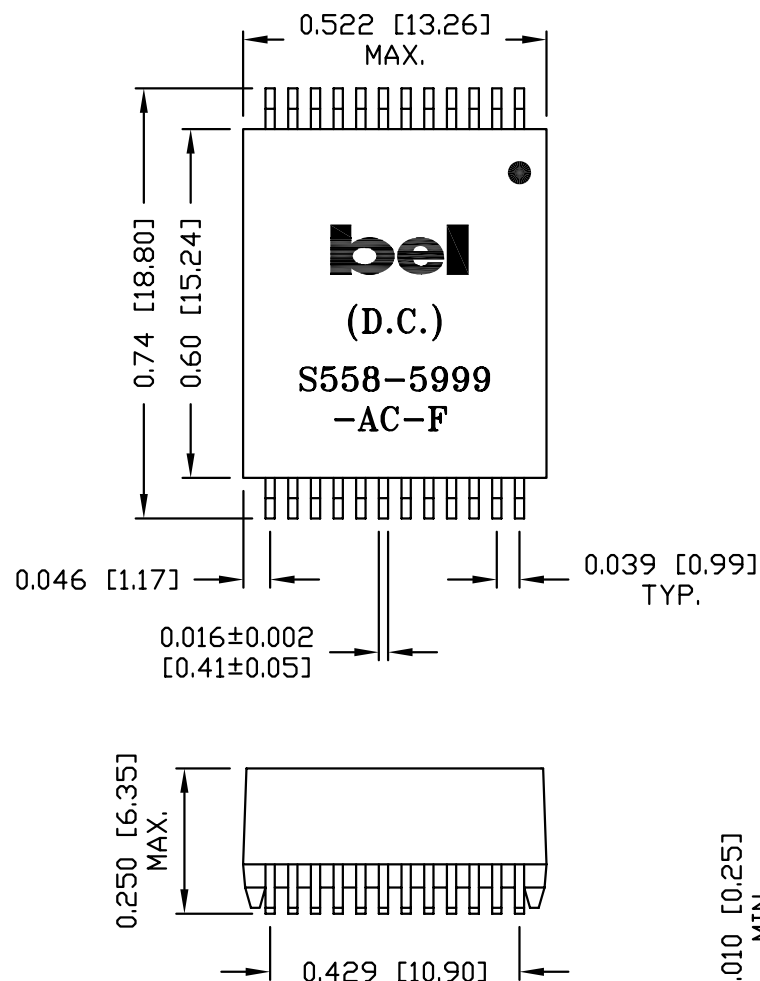
33-20LOG (f/100MHz) dB MIN
@1-100MHz

HIPOT

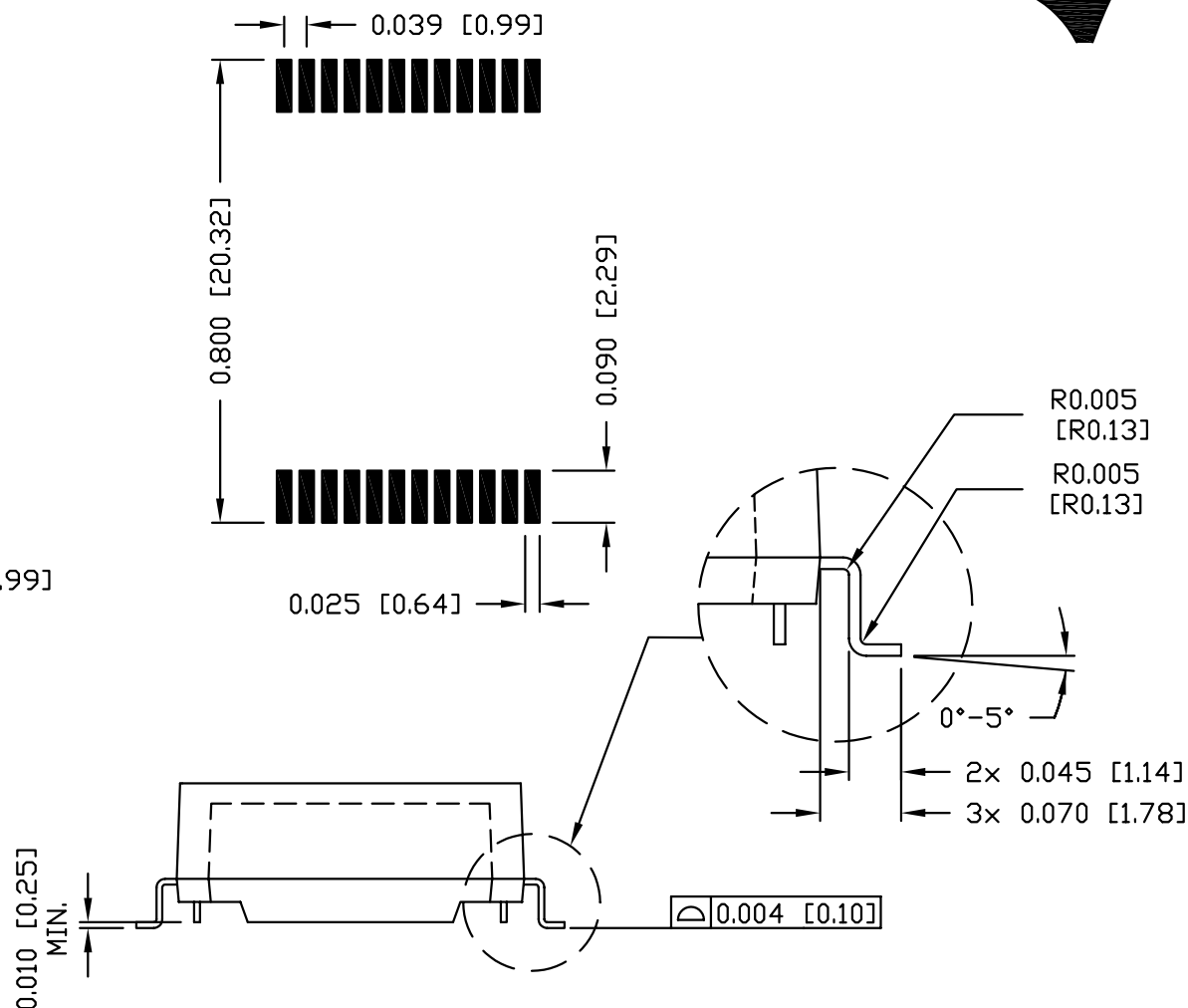
PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
CH CHAN	05-11-10	ELECTRICAL SPECIFICATION S558-5999-AC-F	X5585999AC-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
HY ZHANG	05-11-10		X5585999ACFB.DWG	.XX .XXX		PAGE : 2

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SUGGESTED PCB PAD LAYOUT



NOTES:

- STANDARD MARKING REFER TO DOC. HAND-WORK-04.
- PACKAGE CODE: "QTS001".

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
LAWRENCE TSANG	05-11-10	MECHANICAL DRAWING	X5585999AC-F	.X	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
HY ZHANG	05-11-10	S558-5999-AC-F	X5585999ACFB.DWG	.XXX	⊕	PAGE : 3



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