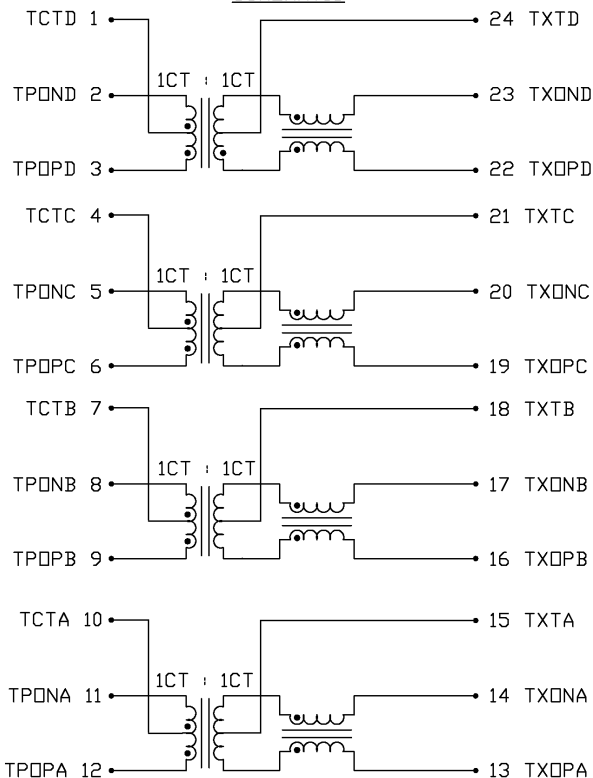


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SCHEMATIC



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

DCL

-40°C TO +85°C

350μH MIN. AT 100kHz, 100mV
WITH 8mA DC BIAS

INSERTION LOSS

1.1dB MAX. @ 0.1 TO 1MHz
0.5dB MAX. @ 1 TO 65MHz
1.0dB MAX. @ 80MHz
1.2dB MAX. @ 125MHz

RETURN LOSS

UNDER 100 OHM
±15% ENVIRONMENT

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

COMMON TO COMMON REJECTION

30dB MIN. @ 0.1 TO 100MHz

CROSSTALK

33-20LOG (F/100MHz) dB MIN.
@ 1 TO 100MHz

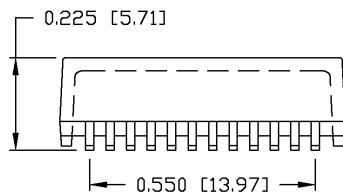
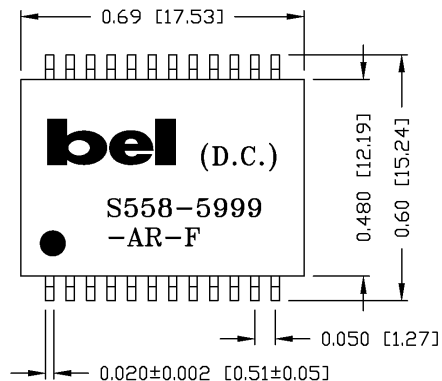
HIPOT

PER HAND-WORK-03

ORIGINATED BY	DATE	TITLE ELECTRICAL SPECIFICATION S558-5999-AR-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS OF A CONNECTED PLANET
HQ	08-17-06		X5585999AR-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
DQ Chen	08-17-06		X5585999ARFA.DWG	.XX		PAGE : 2		
			.XXX					

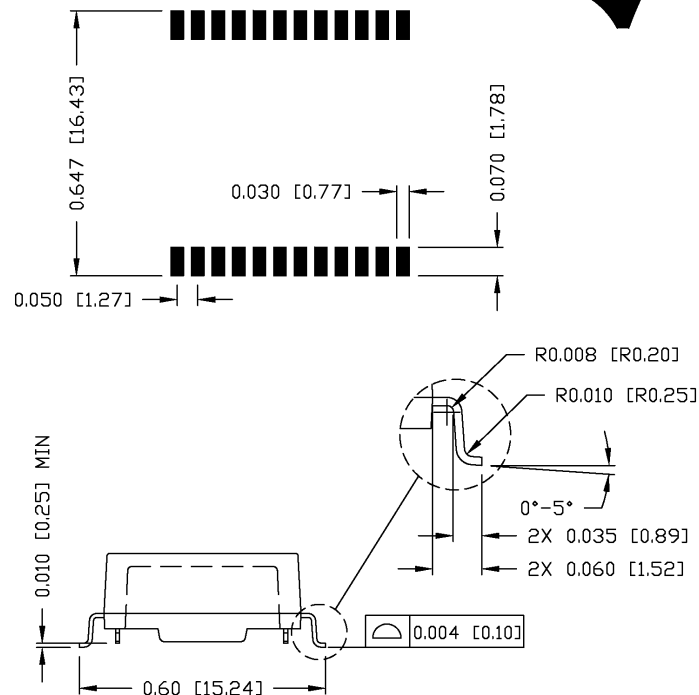
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SUGGESTED PCB PAD LAYOUT



NOTES:

- STANDARD MARKING REFER TO DDC. HAND-WORK-04.
- PACKAGE CODE: "RQS001".



ORIGINATED BY	DATE	TITLE MECHANICAL DRAWING S558-5999-AR-F	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		 COMPONENTS ON A CONNECTED PLANET
Lawrence	08-17-06		X5585999AR-F		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
DQ Chen	08-17-06		X5585999ARFA.DWG	.XX ±0.01 .XXX ±0.005		PAGE : 3	