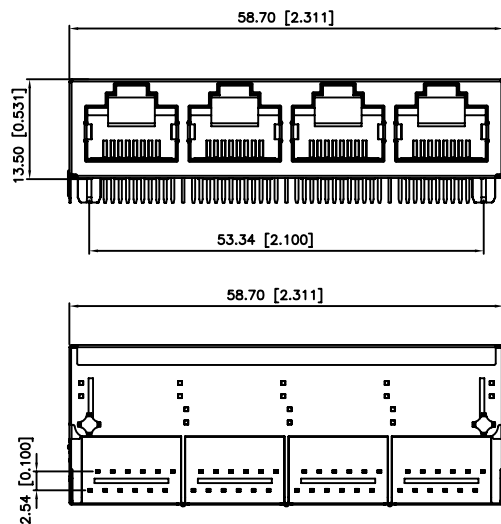
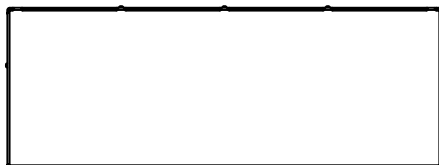
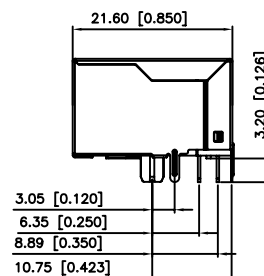


1. MECHANICAL DIMENSIONS :



SUGGESTED PCB LAYOUT
(TOP VIEW)



1. MATERIAL:

HOUSING: HIGH TEMPERATURE PBT UL94V-0 BLACK

CONTACTS: T=0.35mm,PHOSPHOR BRONZE,
NICKEL 50u"MIN UNDERPLATE ON ALL AREA,
TIN 80u"MIN ON TERMINATION END,
GOLD 30U" ON CONTACT AREA.

SHIELD: T=0.20mm,NICKEL 30u"MIN PLATINC

2. OPERATING TEMPERATURE : -40°C~85°C

STORAGE TEMPERATURE : $-40^{\circ}\text{C}\sim 85^{\circ}\text{C}$

3. CAVITY CONFORMS TO FCC RULES AND REGULATIONS
PART 68,SUBPART F.

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	1X4 RJ45 1000BASE-T, SHIELD	
X.	±0.35	X.	±3.0°	UNITS	mm			
.X	±0.30	.X	±2.0°					
.XX	±0.25	.XX	±1.5°					
.XXX	±0.10	.XX	±1.0°	SHEET SIZE	A4	PART NO.	RJT88-104PG234-U1	
DRAWING TYPE				WAYCONN CO.,LTD				
CUSTOMER								
SCALE	1:1	SHEET	2 OF 2					
SERIES		RJT88 SERIES						

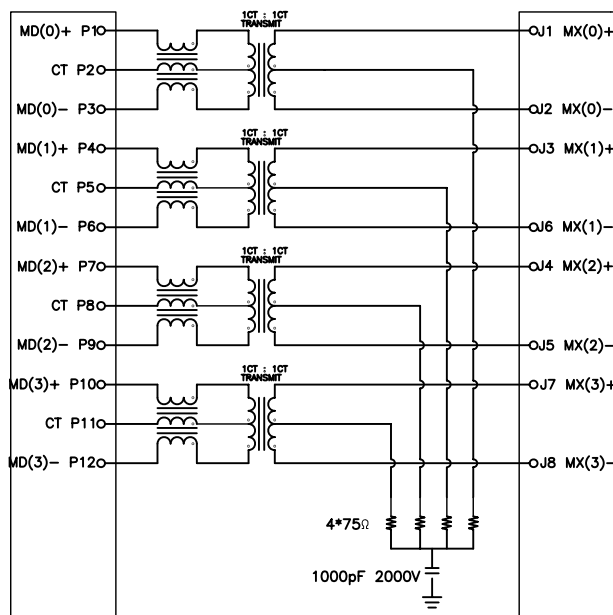
WAYCONN CO.,LTD

Schematics

3. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



4. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25±5°C)

1.TR:(100KHz,0.1V);

INPUT TO OUTPUT=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)

350uH MINIMUM

3.DCR:

1.2 OHMS MAXIMUM

4.HIPOT:

INPUT TO OUTPUT=1500VAC FOR 60 SECONDS

5.INSERTION LOSS:

-0.8dB MAXIMUM AT 0.3MHz TO 100MHz;

-1.2dB MAXIMUM AT 100MHz TO 125MHz;

6.RETURN LOSS:

-20dB MINIMUM AT 1MHz TO 30MHz;

-16dB MINIMUM AT 30MHz TO 60MHz

-12dB MINIMUM AT 60MHz TO 80MHz

-10dB MINIMUM AT 80MHz TO 100MHz

7.CROSS TALK:

-40dB MINIMUM AT 1MHz TO 100MHz

-35dB MINIMUM AT 30MHz TO 60MHz

-30dB MINIMUM AT 60MHz TO 100MHz

8.COMMON TO COMMON MODE REJECTION:

-30dB MINIMUM AT 1MHz TO 100MHz

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	±0.35	X.	±3.0°
.X	±0.30	.X	±2.0°
.XX	±0.25	.XX	±1.5°
.XXX	±0.10	.XX	±1.0°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	2 OF 2
SERIES	RJT88 SERIES		

PROJECTION		TITLE	1X4 RJ45 1000BASE-T, SHIELD
UNITS	mm		
SHEET SIZE	A4	PART NO.	RJT88-104PG234-U1

WAYCONN CO.,LTD