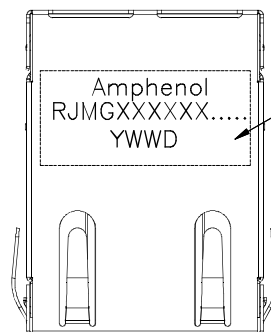


The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00239 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant.

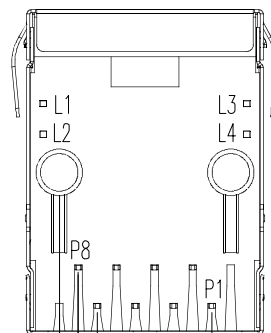
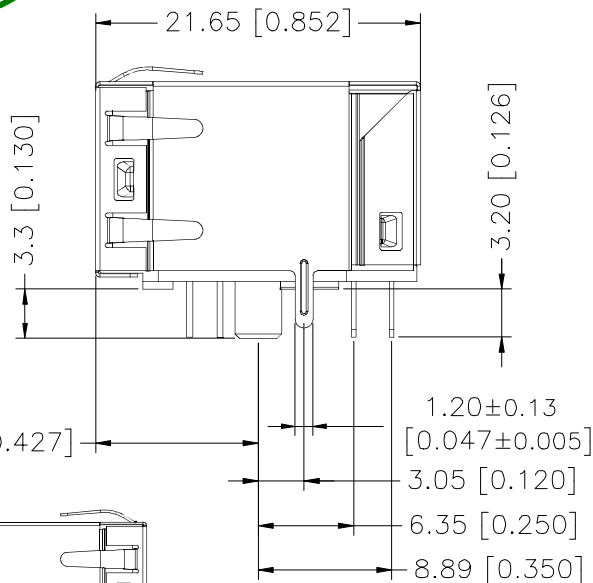
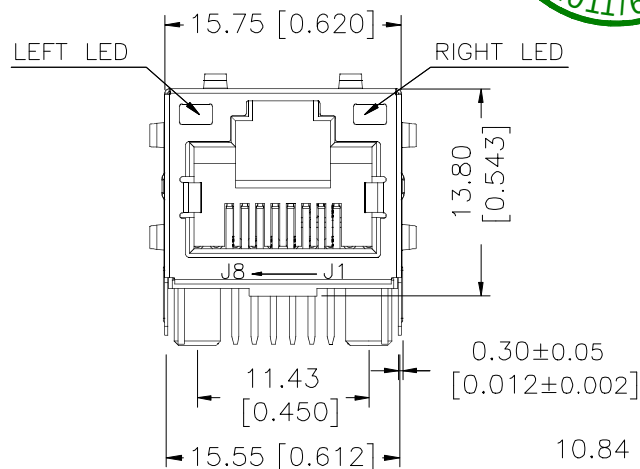
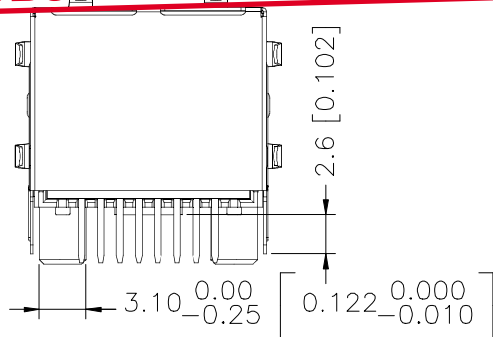
MECHANICAL DRAWINGS:

~~CUSTOMER DRAWING~~
~~PRELIMINARY RELEASE~~
~~ALL DRAWINGS~~
~~SUBJECT TO CHANGE~~

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		INITIAL RELEASE	11/12/2017	Lawrence Chan

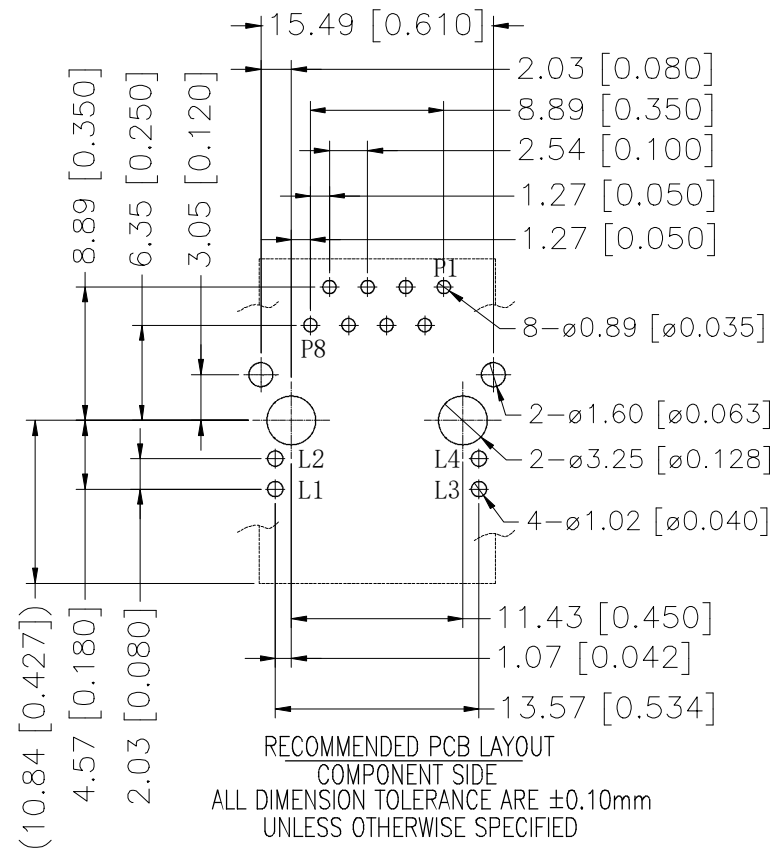
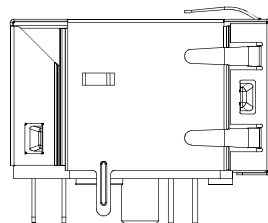


Printing area
Y=YEAR
WW=WEEK
D=DAY



Technical drawing of a mechanical part with dimensions:

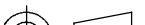
- 1.27 [0.050]
- 2.54 [0.100]
- 8.89 [0.350]



PART NO. RJMG1K9 X X 7151 X T

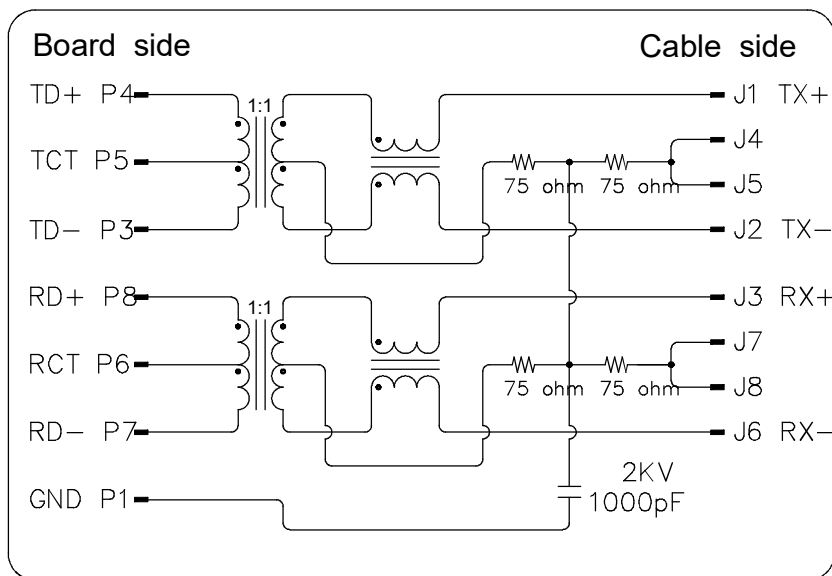
LEFT LED CODE	RIGHT LED CODE
0: No LED's Blocked Hole	
1: Green	
2: Yellow	
3: Red	
4: Bi-color Green/ Yellow	
5: Bi-color Red/Green	
6: Bi-color Green/Orange	
7: Bi-color Red/Yellow	
N: Amber	
P: Bi-color Green/Amber	

Plating and Packaging Option:
4: gold flash, Tape&Reel
5: gold 15u", Tape&Reel
6: gold 30u", Tape&Reel
7: gold 50u", Tape&Reel

TOLERANCE		APPROVALS		DATE	TITLE RJ45 1X1 10/100 Base TYPE WITH FILTER WITH LED			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.35 X.XX ±0.25 X.XXX ±0.15		DRAWN Arvin Ye		11/12/2018							
		CHECKED Vivian Wen		11/12/2018							
ANGULAR ±1°		APPROVED Lawrence Chan		11/12/2018		UNIT mm	SIZE A3	PART No. RJMG1K9XX7151XT			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE —		SCALE NA	SHEET 1 OF 2	DWG No. RJMG1K9XX7151XT		REV. AX1	

PRELIMINARY RELEASE
SUBJECT TO CHANGE

SCHEMATIC DRAWING



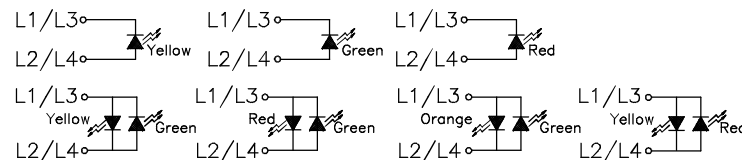
ELECTRICAL CHARACTERISTICS :

1. INSERTION LOSS :
 - 1~100 MHz -1.0dB MAX.
2. RETURN LOSS(LOAD 100Ω) :
 - 1~30 MHz -18dB MIN
 - 30~60 MHz -16dB MIN
3. COMMON MODE REJECTION
 - 1~100 MHz -30dB MIN
4. CROSS TALK
 - 1~100 MHz -30dB MIN
5. INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P4-P3),(P8-P7) : 350 uH MIN
6. HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
7. TURNS RATION 100KHz
 - (P4-P3) : (J1-J2) = 1:1 ±%3
 - (P8-P7) : (J3-J6) = 1:1 ±%3



CUSTOMER DRAWING

LED OPTION & SPECIFICATION



NOTES:

1. Material:
 - 1.1 HOUSING:LCP,UL94V-0,COLOR:BLACK;
 - 1.2 SHELL:SUS 304, T=0.20;PRE-SOLDERING
 - 1.3 RJ45 TERMINAL:PHOSPHOR BRONZE T=0.30mm
PLATING: 50u" NICKEL Min. UNDER PLATED
ALL OVER 100u" TIN Min. PLATED ALL OVER
SELECT GOLD PLATED ON CONTACT AREA;
 - 1.4 OHTERS TERMINAL:BRASS T=0.30mm
PLATING: 50u" NICKEL Min. UNDER PLATED
ALL OVER 100u" TIN Min. PLATED ALL OVER;
2. ELECTRICAL
NSULATION RESISTANCE:500 MOHMS MIN
3. DURABILITY TEST RATING
 - 3.1 INSERTION FORCE WITH THE LATCH DEPRESSED :22N MAX
 - 3.2 REMOVAL FORCE WITH THE LATCH DEPRESSED :44N MAX
 - 3.3 DURABILITY :750 CYCLES
4. OPERATING AND STORAGE TEMPERATURE
 - 4.1 OPERATING TEMPERATURE : -40°C TO +85°C
 - 4.2 STORAGE TEMPERATURE : -40°C TO +85°C
5. TEMPERATURE CONDITION OF REFLOW SOLDERING:
260°C FOR 10 Sec MAX.

TOLERANCE	APPROVALS	DATE	TITLE		Amphenol®			
X. X.X ±0.35 X.XX ±0.25 X.XXX ±0.15 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN	Arvin Ye	11/12/2018	RJ45 1X1 10/100 Base TYPE WITH FILTER WITH LED	Amphenol Corporation Amphenol Taiwan Corporation			
	CHECKED	Vivian Wen	11/12/2018		PART No. RJMG1K9XX7151XT			
	APPROVED	Lawrence Chan	11/12/2018		DWG No. RJMG1K9XX7151XT			
	DWG TYPE	CUST DWG	PROJECT CODE		UNIT	mm	SIZE	A3
					SCALE	NA	SHEET	2 OF 2
							REV.	AX1