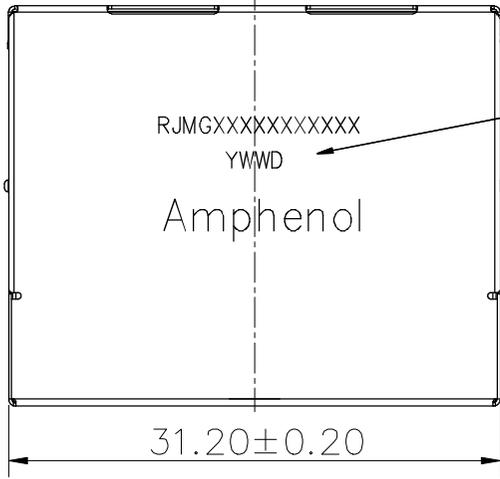


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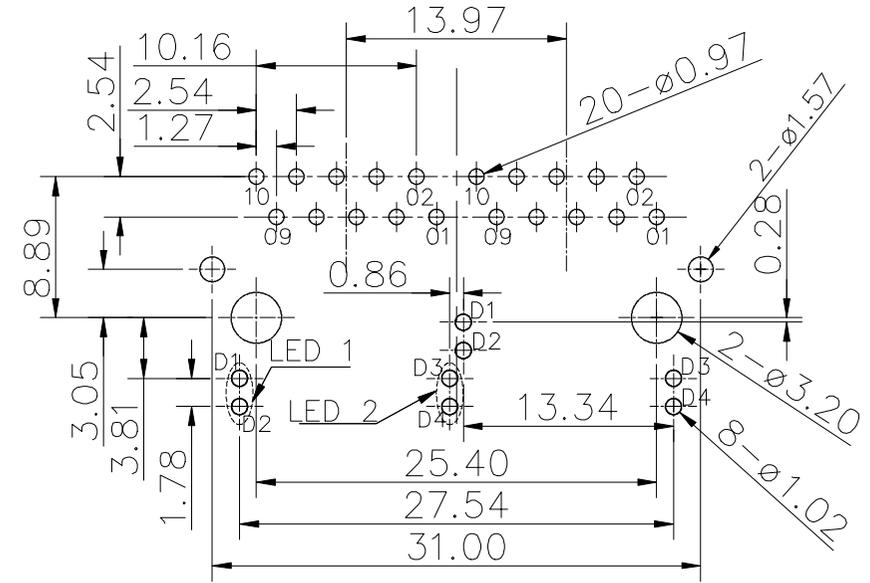
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PRELIMINARY RELEASE
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SUBJECT TO CHANGE

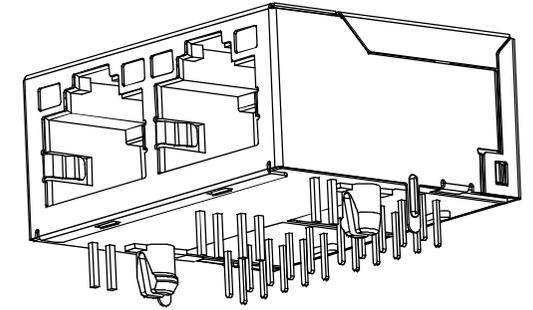
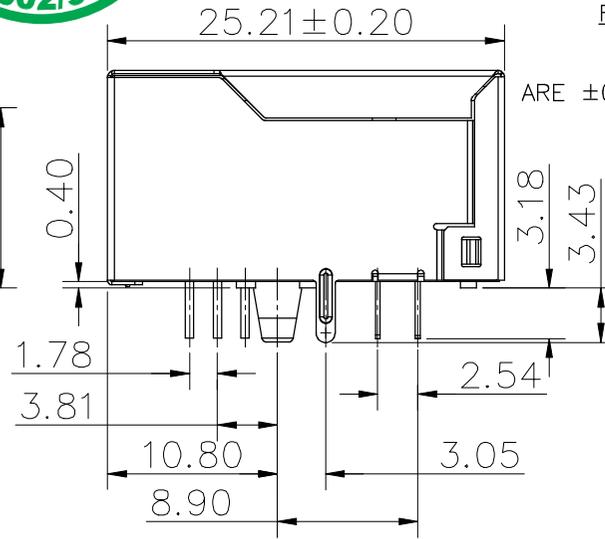
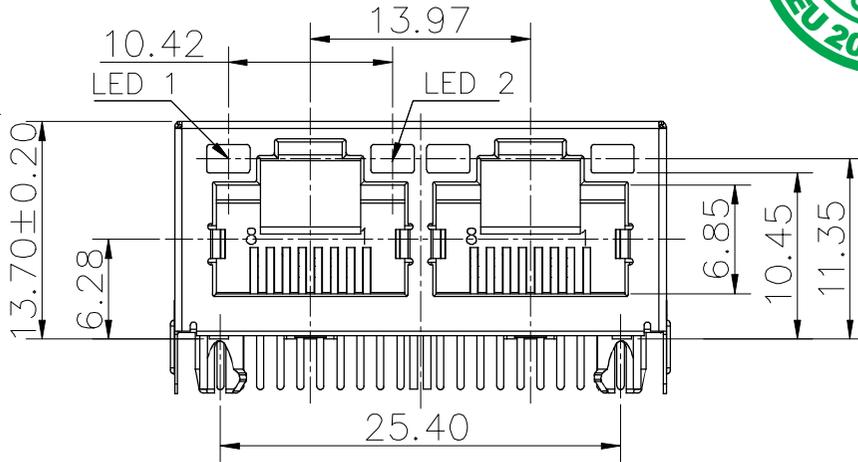
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NEW PROPOSAL DRAWING	02/01/2018	Lawrence Chan



PART NUMBER
DATE CODE
Y=YEAR
WW=WEEK
D=DAY



RECOMMENDED PCB LAYOUT
COMPONENT SIDE
ALL DIMENSION TOLERANCE
ARE ± 0.08 UNLESS OTHERWISE SPECIFIED



PART NO. RJMG212S1 X X 30 X R

LED 1 Option
LED 2 Option

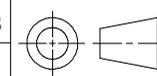
- 0: No LED's Blocked Hole
- 1: Green
- 2: Yellow
- 3: Red
- 4: Bi-color Green/ Yellow
- 5: Bi-color Red/Green
- 6: Bi-color Green/Orange
- 7: Bi-color Red/Yellow
- N: Amber
- P: Bi-color Green/ Amber

Plating Option:
B: gold 6u"
C: gold flash
D: gold 15u"
E: gold 30u"
F: gold 50u"

TOLERANCE	APPROVALS	DATE	TITLE
X. ± 0.35	DRAWN Arvin Ye	02/01/2018	RJ45 1X2 1000Base-T
X.X ± 0.25	CHECKED Vivian Wen	02/01/2018	1x2 WITH LED OPTION TYPE
X.XXX ± 0.15	APPROVED Lawrence Chan	02/01/2018	
ANGULAR $\pm 1^\circ$	DWG TYPE CUST DWG	PROJECT CODE RJMG	
UNLESS OTHERWISE SPECIFIED			

UNIT	SIZE	PART No.
mm	A3	RJMG212S1XX30XR
SCALE NA	SHEET 1 OF 2	DWG No. RJMG212S1XX30XR
		REV. AX1

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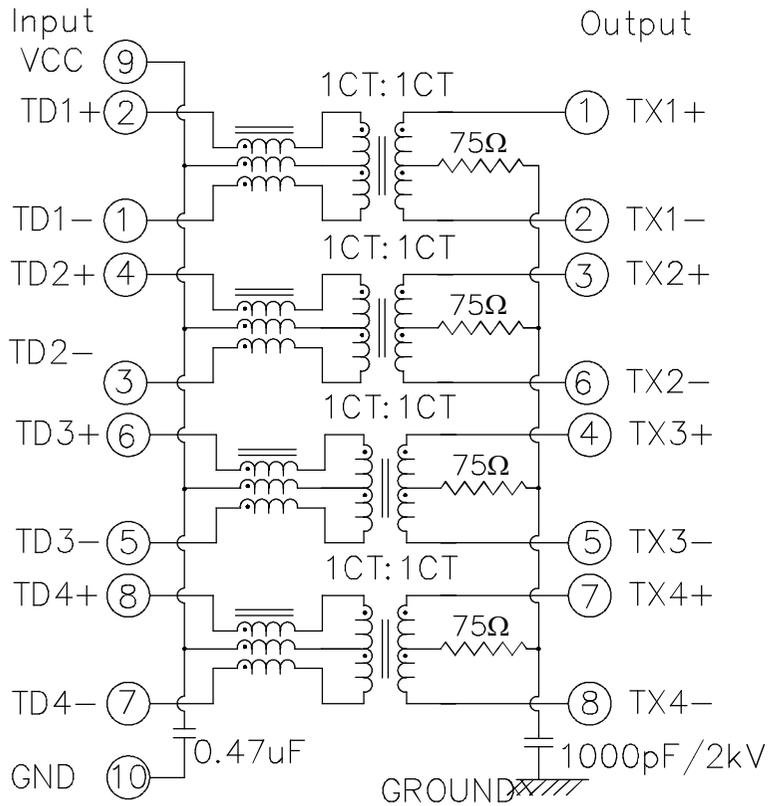
The marking on this product doesn't contain any information that is not in compliance with the Material Specification SS-00259 for Sony GP compliance or per directive 2011/65/EU for RoHS compliant.

PRELIMINARY RELEASE
SUBJECT TO CHANGE

CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NEW PROPOSAL DRAWING	02/01/2018	Lawrence Chan

ELECTRONICAL SCHEMATIC

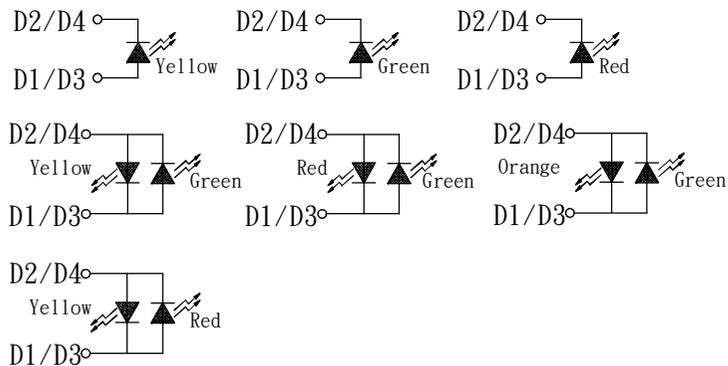


NOTE:

1. MATERIAL:
 - 1.1 HOUSING: PA46 WITH 30%GF,UL94V-0, BLACK COLOR.
 - 1.2 COVER: PA66 WITH 30%GF,UL94V-0, BLACK COLOR.
 - 1.3 RJ CONTACT: PHOSPHOR BRONZE, C5210R-EH,T=0.30±0.02.
 - 1.4 JOINT CONTACT: BRASS, C2680R-H,T=0.30±0.02.
 - 1.5 SHELL: BRASS, C2680R-H,T=0.20±0.02.
2. FINISH:
 - 2.1 RJ CONTACT: SELECTED GOLD(SEE THE P/N) PLATED ON CONTACT AREA,100u"MIN. TIN ON SOLDER TAIL, WITH ENTIRE CONTACT UNDERPLATED 50u" MIN. NICKEL.
 - 2.2 JOINT CONTACT: 100u" MIN. TIN ON SOLDER TAIL, WITH ENTIRE CONTACT UNDERPLATED 50u"MIN. NICKEL.
 - 2.3 SHELL: 30u" MIN. NICKEL PLATED.
3. ELECTRICAL CHARACTERISTICS(TEST NOTES(25±5°C))
 - 3.1 INSERTION LOSS: -0.8dB MAXIMUM AT 0.3MHz-100MHz
-1.2dB MAXIMUM AT 100MHz-120MHz
 - 3.2 RETURN LOSS: -18dB MINIMUM AT 0.5MHz TO 40MHz
-12+20Log(f/80MHz)dB MINIMUM AT 40MHz TO 100MHz
 - 3.3 CROSS TALK: -33+20Log(f/100MHz)dB MINIMUM AT 0.1MHz TO 100MHz
 - 3.4 COMMON TO DIFFERENTIAL MODE REJECTION: -35dB MINIMUM AT 0.3MHz TO 100MHz
 - 3.5 COMMON TO COMMON MODE REJECTION: -30dB MINIMUM AT 0.3MHz TO 100MHz
- OTHERS:
 1. OPERATING TEMPERATURE: 0°C TO 70°C
 2. STORAGE TEMPERATURE: -40°C TO 85°C



LED OPTION



TOLERANCE	APPROVALS	DATE	TITLE			PART No.			
X. ±0.35	DRAWN Arvin Ye	02/01/2018	RJ45 1X2 1000Base-T 1x2 WITH LED OPTION TYPE			Amphenol [®] Amphenol Corporation Amphenol Taiwan Corporation			
X.X ±0.25	CHECKED Vivian Wen	02/01/2018							
X.XXX ±0.15	APPROVED Lawrence Chan	02/01/2018		UNIT mm	SIZE A3	PART No. RJMG212S1XX30XR			
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE RJMG		SCALE NA	SHEET 2 OF 2	DWG No. RJMG212S1XX30XR	REV. AX1		
UNLESS OTHERWISE SPECIFIED									