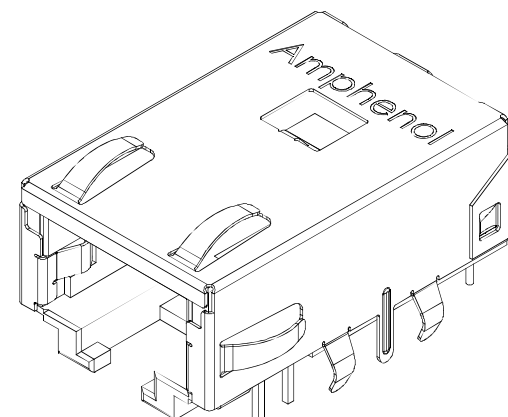
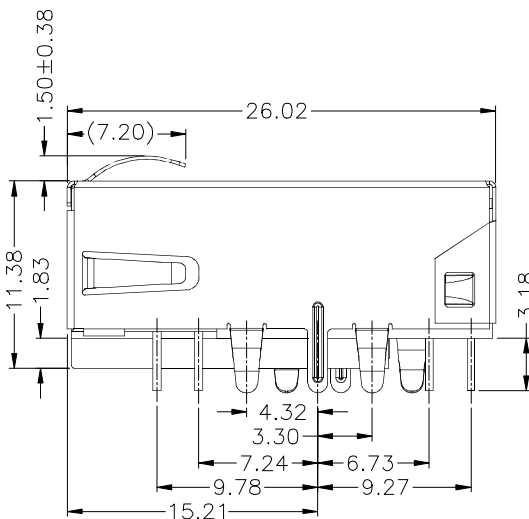
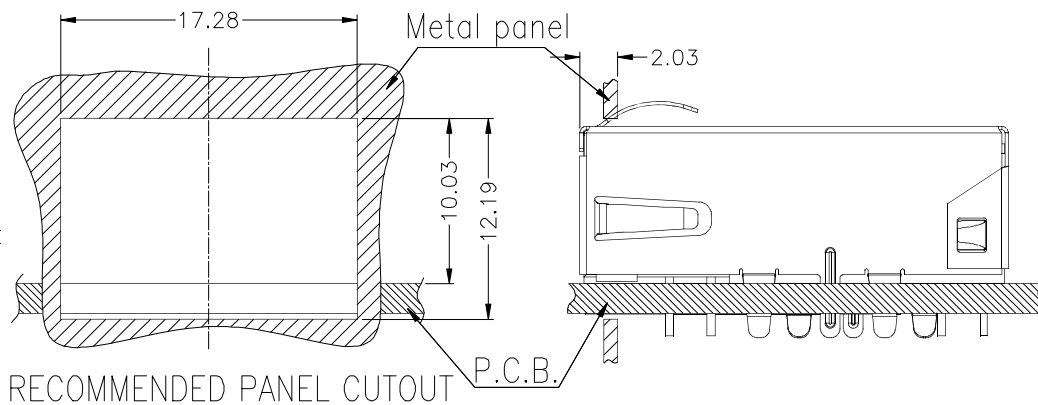
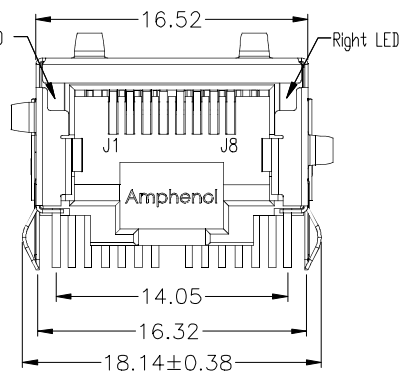
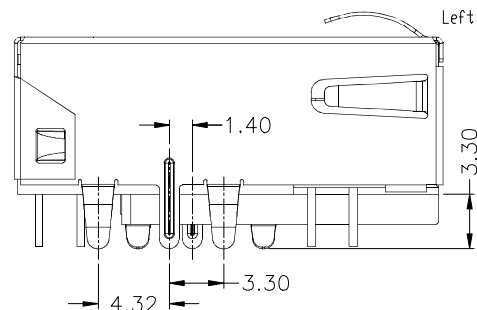
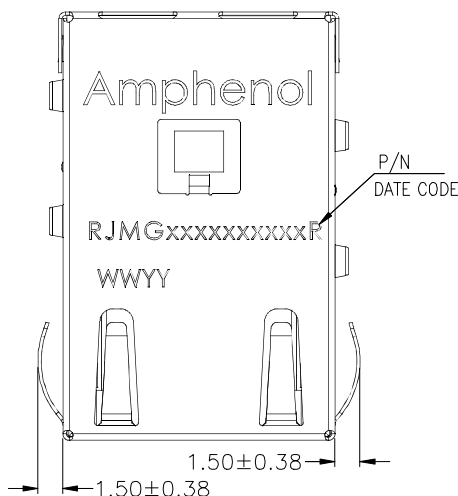


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The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant.

CUSTOMER DRAWING ORIGINAL

REVISIONS			
SYM	ECN No.	DESCRIPTION	DATE
A	NE-16066	FORMAL RELEASE DRAWING	03/21/2016
			APPROVED
			Roger Tsai



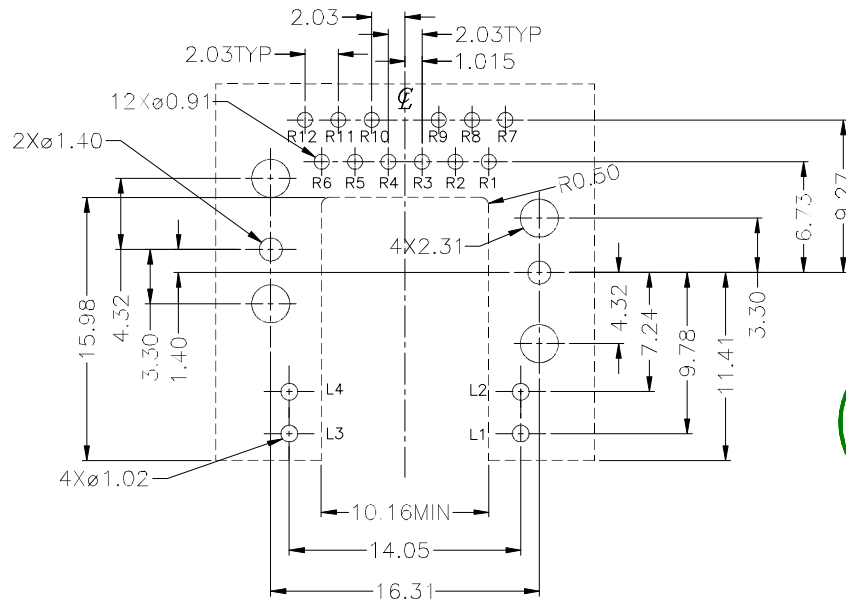
TOLERANCE		APPROVALS		DATE	TITLE			Amphenol[®] Amphenol Corporation Amphenol Taiwan Corporation		
X.		DRAWN	Jophy Li	03/21/2016	RJ45 1X1 GIGABIT SINK TYPE WITH FILTER AND LED					
X.X ±0.35										
X.XX ±0.25		CHECKED	Vivian Wen	03/21/2016						
X.XXX ±0.15										
ANGULAR ±1°		APPROVED	Roger Tsai	03/21/2016		UNIT mm	SIZE A3	PART No. RJMG20182XX30XR		
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE GT381			SCALE 1:1	SHEET 1 OF 4	DWG No. RJMG20182XX30XR	REV. A	

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RECOMMENDED PCB LAYOUT
COMPONENT SIDE

ALL DIMENSION TOLERANCE ARE $\pm 0.08\text{mm}$ UNLESS OTHERWISE SPECIFIED



RJMG20182XX30XR

LED1 (Right Side)

LED2 (Left Side)

LED OPTIONS

0- No LED (Blocked Hole)

1- Green

2- Yellow

3- Red

4- Bi-color Green/Yellow

5- Bi-color Green/Red

6- Bi-color Green/Orange

7- Bi color Yellow/Red

Gold Plating Option

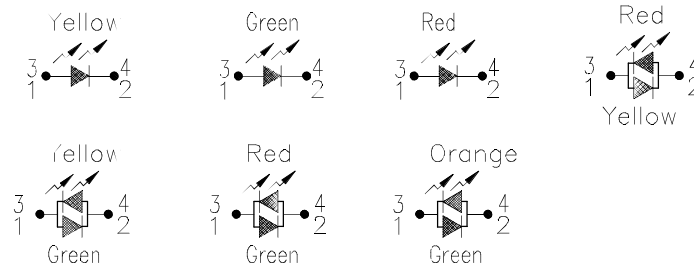
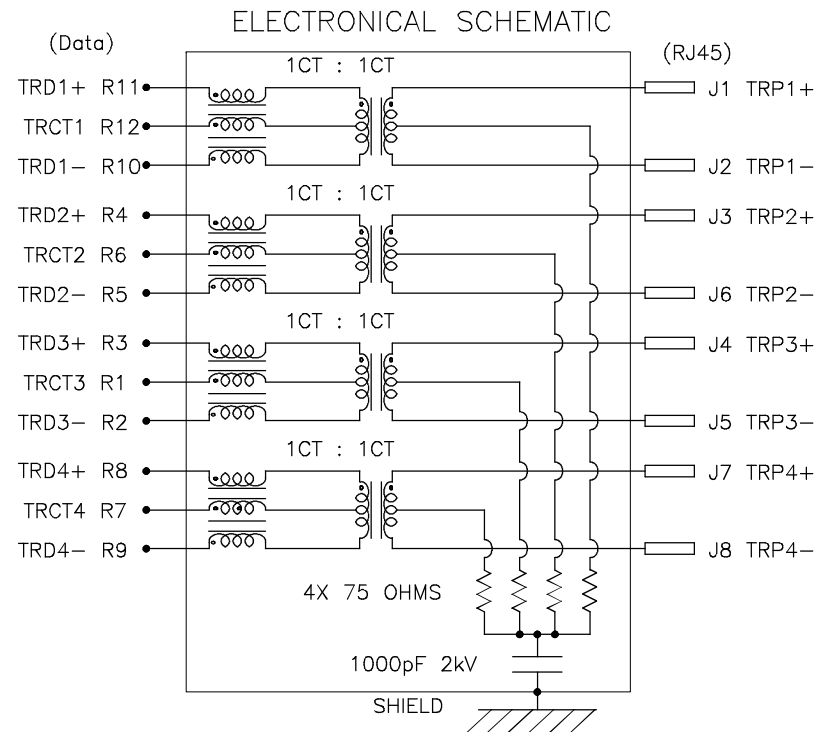
B- Gold Plating, 6μ"

C- Gold Flash

D- Gold Plating, 15μ"

E- Gold Plating, 30μ"

F- Gold Plating, 50μ"



TOLERANCE	APPROVALS	DATE	TITLE		Amphenol®			
X. X.X ±0.35 X.XX ±0.25 X.XXX ±0.15 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN	Jophy Li	03/21/2016	RJ45 1X1 GIGABIT SINK TYPE WITH FILTER AND LED	Amphenol Corporation Amphenol Taiwan Corporation			
	CHECKED	Vivian Wen	03/21/2016					
	APPROVED	Roger Tsai	03/21/2016					
	DWG TYPE	CUST DWG	PROJECT CODE GT381					
				UNIT mm	SIZE A3	PART No. RJMG20182XX30XR		
				SCALE 1:1	SHEET 2 OF 4	DWG No. RJMG20182XX30XR	REV. A	

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			Roger Tsai

MATERIALS:

1.Terminal Parts:

1.1.RJ Terminal :Phosphor Bronze,Thickness=0.30mm
Finish: select gold plating (see the P/N option) on contact area.

1.2.RJ input Terminal :Phosphor Bronze, Diameter 0.45mm
Finish:100u" min. tin over 50~100u" Nickel.
100u" min. matte tin plating on solder tails

1.3.Module Terminal : Phosphor Bronze, Diameter 0.40mm.
Finish:100u" min. tin over 50~100u" Nickel.

2.Plastic Parts:

2.1.Housing : High temp. Thermoplastic , Black
Flame Class:UL94 V-0

2.2.Coil Case : High temp. Thermoset plastic, Black
Flame Class:UL94 V-0

3.Shell Parts:

3.1.Shell : Stainless Steel,Thickness=0.20mm,
Grounding Leg : Pre-soldering.

OTHERS:

1.Operating Temperature : -40°C TO +85°C

2.Storage Temperature : -40°C TO +85°C

3.WAVE SOLDERING TEMPRATURE :265 DEG.C 10 SEC MAX

4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS

PART 68 , SUBPART F

5.Productspecification refer to PS-R931

6.TEST summary refer to:TS-R931

CONNECTOR PERFORMANCE ELECTRICAL SPECIFICATION(@25° C)

PARAMETER	LIMITS (MAX. OR MIN.)	FREQUENCY RANGE/ TEST CONDITIONS
RETURN LOSS LOSS (RX/TX)	-18dB Max -12+20LOG(f/80 MHz)dB	0.5MHz~40MHz 40MHz~100MHz
INSERTION (RX/TX)	-1.1dB MIN. -0.5dB MIN. -0.8dB MIN. -1.2dB MIN.	0.1-1 MHz 1-65 MHz 65-100 MHz 100-125 MHz
CM-CM REJECTION	-30dB MIN.	1-100 MHz
CROSSTALK ISOLATION (RX/TX)	-30dB MIN.	1-100 MHz
HIPOT (ISOLATION)	1.5kVrms MIN.	60S
OCL	350uH MIN.	100KHz 100mV 8mA
TURN RATIO	1:1±2%	



LED PERFORMANCE

PARAMETER	SINGLE COLOUR		BICOLOUR						UNITS
	GREEN	YELLOW	GREEN	YELLOW	GREEN	RED	ORANGE	GREEN	
FORWARD CURRENT IF MAX	30	30	30		30		30		mA
REVERSE CURRENT IR MAX	10	10	-		-		-		uA
REVERSE VOLTAGE VR MAX	-5	-5	-		-		-		V
T OPERATURE	-40~+85	-40~+85	-40~+85		-40~+85		-40~+85		°C
T SOLDERING	260	260	260		260		260		°C/3Sec
POWER DISS. Pd	62.5	75	62.5	75	62.5	75	75	62.5	mW
PEAK WAVELENTH	565	590	565	590	565	627	565	565	nM
FORWARD VOLTAGE TYP	2.2	2.1	2.2	2.1	2.2	2.0	2.0	2.2	(@IF=20mA) V
FORWARD VOLTAGE MAX	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	(@IF=20mA) V
Viewing angle	100°	100°	100°	100°	100°	100°	100°	100°	°
light intensity Typ.	6	4	10	6	10	10	140	10	mcd (@IF=20mA)

TOLERANCE	APPROVALS	DATE	TITLE		Amphenol®			
X. X.X ±0.35 X.XX ±0.25 X.XXX ±0.15 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN Jophy Li	03/21/2016	RJ45 1X1 GIGABIT SINK TYPE WITH FILTER AND LED		Amphenol Corporation Amphenol Taiwan Corporation			
	CHECKED Vivian Wen	03/21/2016						
	APPROVED Roger Tsai	03/21/2016						
	DWG TYPE CUST DWG	PROJECT CODE GT381			UNIT mm	SIZE A3	PART No. RJMG20182XX30XR	
			SCALE 1:1		SHEET 3 OF 4	DWG No. RJMG20182XX30XR	REV. A	

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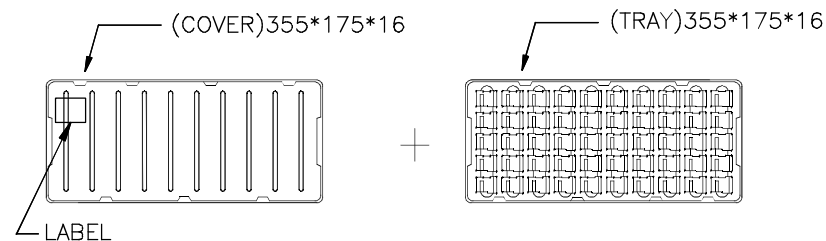
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CUSTOMER DRAWING

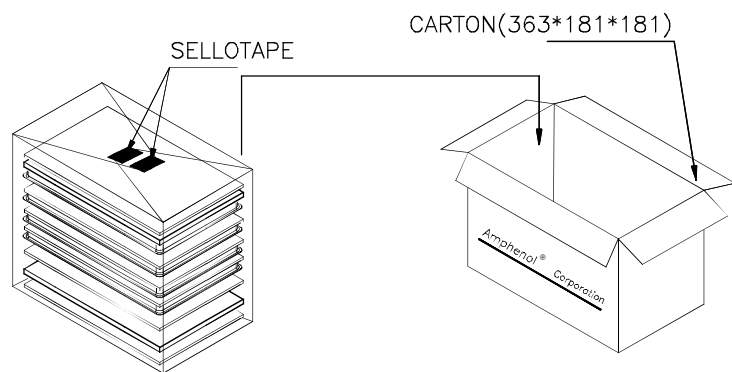
ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A	NE-16066	FORMAL RELEASE DRAWING	03/21/2016	Roger Tsai

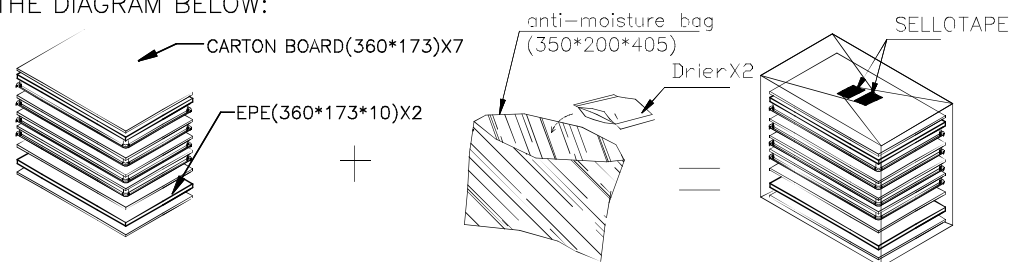
1-1.PUT PRODUCT PORT MOUTH DOWN IN VACUUM PLATE, 45 PCS PRODUCTS PER PLATE CAN BE INSTALLED, AS SHOWN IN FIGURE BELOW:
1-2.PUT A COVER ON VACUUM PLATE AS SHOWN IN THE FIGURE BELOW:



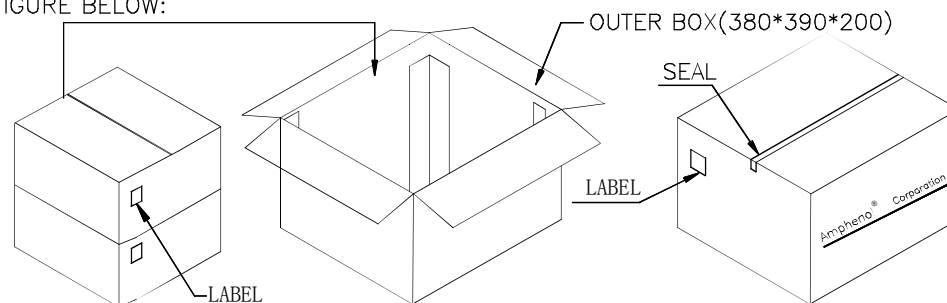
3-1.PUT WATERPROOF BAG PRODUCTS INTO THE CARTON.



2-1.VACUUM BOX NEATLY STACKED TOGETHER, EACH DISH TO PUT A CARDBOARD BETWEEN EACH FOLD, A TOTAL OF 5 SET, AS SHOWN IN THE FIGURE BELOW:
2-2.THE UNDERLYING PLACED A CARDBOARD, CARDBOARD PLACING A PEARL COTTON, PEARL COTTON PLACED ON A CARDBOARD, STACKED NEATLY 5 BOX PRODUCTS PLACED ON BOARD.
2-3.ABOVE THE PRODUCT OF THE FIVE BOXES PLACED A PEARL COTTON, AND AGAIN ON PEARL COTTON TO PLACE A BOARD, AS SHOWN IN THE FIGURE BELOW (PRODUCTS: 225 PCS) :
2-4.PUT THE OVERLAPPING GOOD VACUUM BOX IN THE WATERPROOF BAG, AND ADD 2 BAOQIAN DRYING AGENT.
2-5.THE WATERPROOF BAG NEAT OR WITH THE TAPE SHOULD BE FIXED WELL, AFTER THE DIAGRAM BELOW:



4-1.IN THE FOUR CORNERS PLACED FOUR TRIANGLE SET, AS SHOWN IN THE FIGURE BELOW:
4-2.OUTSIDE THE BOX PLACED WITHIN 2 CARTONS (PRODUCTS: 450 PCS), AS SHOWN IN THE FIGURE BELOW:
4-3.WITH TRANSPARENT TAPE SEALING MOUTH, AND IN THE TAG LABEL, AS SHOWN IN THE FIGURE BELOW:



TOLERANCE	APPROVALS	DATE	TITLE		Amphenol®		
X. -	DRAWN Jophy Li	03/21/2016	RJ45 1X1 GIGABIT SINK TYPE WITH FILTER AND LED		Amphenol Corporation Amphenol Taiwan Corporation		
X.X -	CHECKED Vivian Wen	03/21/2016					
X.XX ±0.20	APPROVED Roger Tsai	03/21/2016					
X.XXX -	DWG TYPE CUST DWG	PROJECT CODE GT381					
ANGULAR ±1°	UNLESS OTHERWISE SPECIFIED				UNIT mm	SIZE A3	PART No. RJMG20182XX30XR
					SCALE NA	SHEET 4 OF 4	DWG No. RJMG20182XX30XR
							REV. A