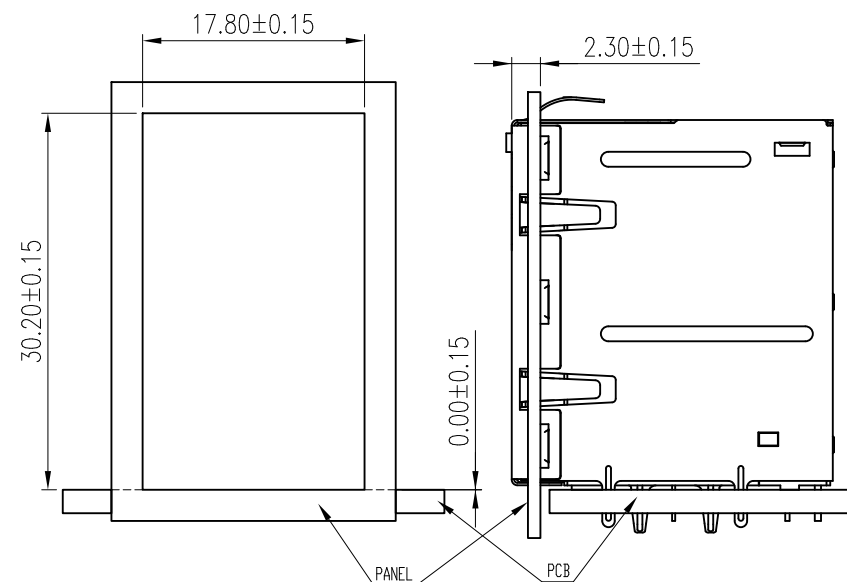
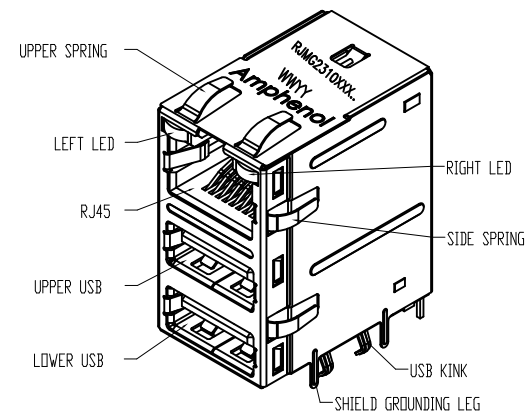


REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		NEW PROPOSAL DRAWING	04/10/2008	Greg.L
BX1		ADD THE PANEL DIMENSION	06/19/2014	Roger Tsai



TOLERANCE		APPROVALS		DATE		TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.35 X.XX ±0.25 X.XXX ±0.15		DRAWN Jophy Li		06/19/2014		RJmag 1000 Base-T					
		CHECKED Vivian Wen		06/19/2014		RJ Over Dual USB					
ANGULAR ±1°		APPROVED Roger Tsai		06/19/2014		 UNITmm SIZEA3					
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE RJMG		 SCALENA SHEET1 OF 4			PART No. RJMG2310228A0ER		
									DWG No. RJMG2310228A0ER		
									REV. BX1		

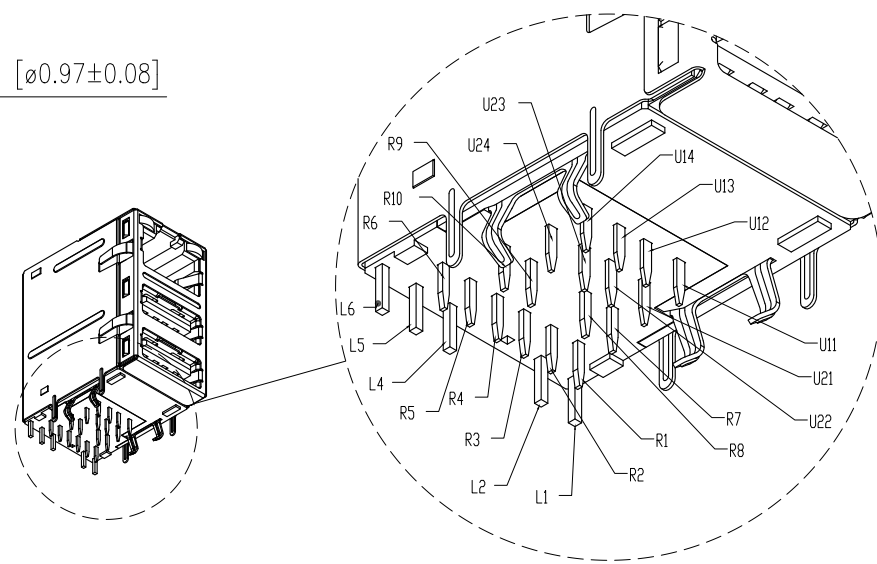
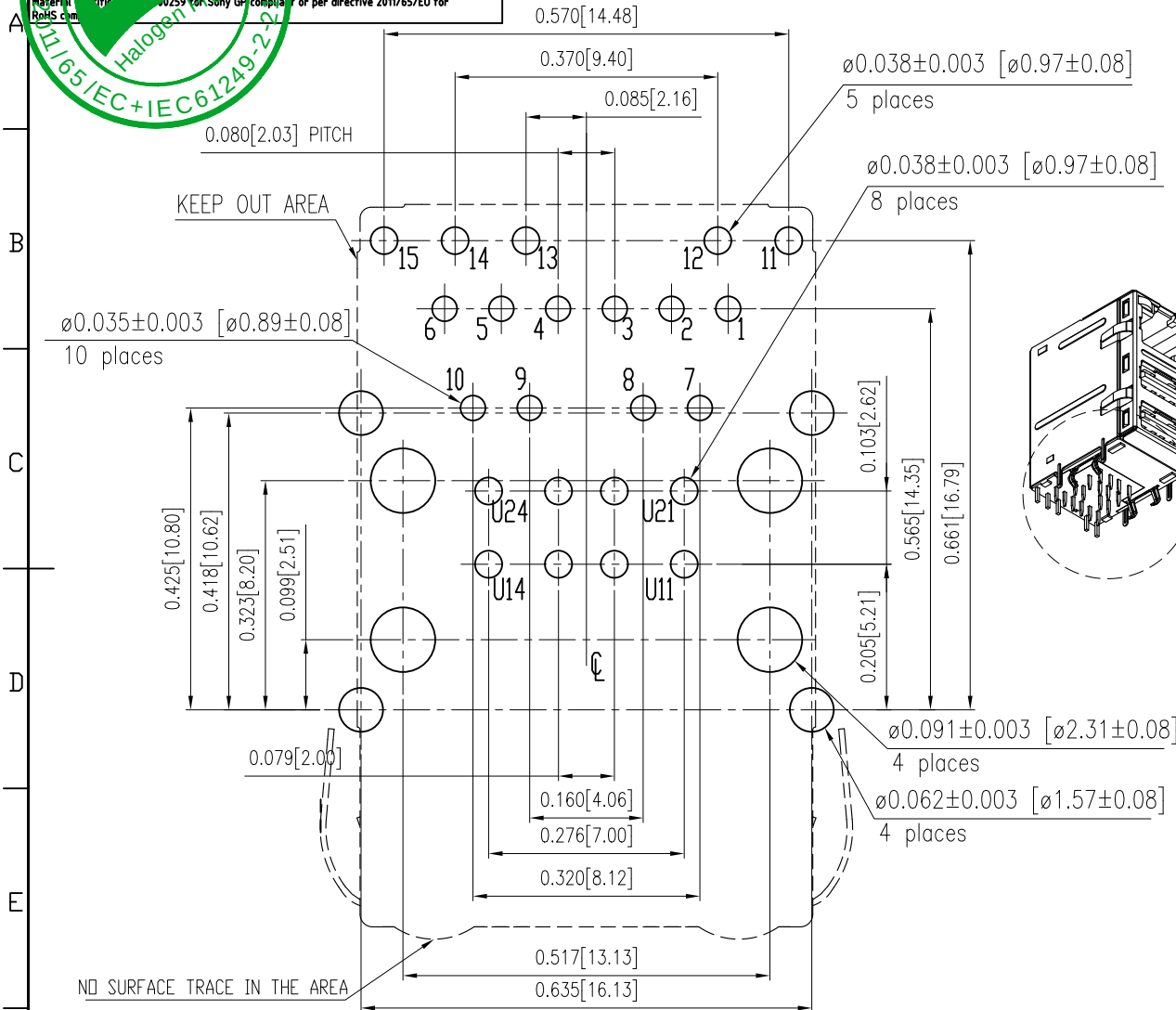
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The marking on this product does not contain environmental hazardous materials per Material Declaration 00259 for Sony GP compliance or per directive 2011/65/EU for RoHS compliance.

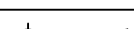
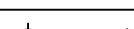
Amphenol Taiwan
01/165/IEC+IEC61249-2-21

CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		NEW PROPOSAL DRAWING	04/10/2008	Greg.L
BX1		ADD THE PANEL DIMENSION	06/19/2014	Roger Tsai



Recommended PCB layout
component side view
PCB thickness : 1.6mm

TOLERANCE		APPROVALS		DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.35 X.XX ±0.25 X.XXX ±0.15		DRAWN Jophy Li	06/19/2014	RJmag 1000 Base-T						
		CHECKED Vivian Wen	06/19/2014	RJ Over Dual USB						
ANGULAR ±1°		APPROVED Roger Tsai	06/19/2014		UNIT mm	SIZE A3	PART No. RJMG2310228A0ER			
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG	PROJECT CODE RJMG		SCALE NA	SHEET 2 OF 4	DWG No. RJMG2310228A0ER		REV. BX1	

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CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		NEW PROPOSAL DRAWING	04/10/2008	Greg.L
BX1		ADD THE PANEL DIMENSION	06/19/2014	Roger Tsai

MATERIALS:

HOUSING DIELECTRIC MATERIAL:

POLYMER TYPE: HIGH TEMPERATURE GLASS-REINFORCED THERMOPLASTIC,
COLOR: BLACK
UL FLAMMABILITY RATING : UL 94V-0

CONTACTS (RJ MAG):

BASE METAL ALLOY: PHOSPHOR BRONZE
PLATING: 30u 'Au Min OVER 50u 'Ni Min UNDERPLATING
100u 'Tin Min OVER 50u ' Ni MIN ON TAILS.

SHIELD:

STAINLESS STEEL , SUS304-1/2H. T=0.2MM , NO PLATING

MECHANICAL FEATURES:

SOLDERABILITY: MIL-STD-202,METHOD 208.

MATING/UNMATING FORCE:

USB PORT :

COMPLY WITH USB2.0 FOR ALL ELECTRICAL AND MECHANICAL CHARACTERISTICS
INSERTION FORCE 3.5Kg MAX, PER USB2.0 SPEC
WITHDRAWAL FORCE 1.0Kg MIN , PER USB2.0 SPEC
DURABILITY: 5000 CYCLES MIN

RJ PORT :

MATING: 2.0Kg MAX , PER EIA-364-13B
UNMATING FORCE: 2.0Kg MAX , PER EIA-364-13B
PACKAGING: 40PCS/PLASTIC TRAY,4TRAYS/BOX
COMPLY WITH FCC PART 68 SUBPART F.
DURABILITY: 5000 CYCLES MIN

Environmental

OPERATING TEMPERATURE:-40°C TO +85°C.

STORAGE TEMPERATURE:-40°C TO +100°C.

WAVE SOLDERING TEMPERATURE: 260°C FOR 10 SECONDS MAX

ALTITUDE OPERATING RANGE: SEA LEVEL TO 3000m

HUMIDITY: NO DAMAGE OR CHANGE THAT AFFECTS THE FUNCTION OR LOOKS OF MATED CONNECTORS

THERMAL SHOCK: SUBJECT MATED CONNECTORS TO 10 CYCLES BETWEEN -55°C AND 85°C, EVERY STEP TEMPERATURE 0.5h MIN

MECHANICAL SHOCK: THREE SHOCKS IN EACH DIRECTION SHALL BE APPLIED ALONG THREE MUTUALLY PERPENDICULAR AXES OF THE TEST SPECIMEN (18 SHOCKS)

REMARKED:

RJMG23102 - 2- 8 A- 0 ER

R: Rohs Compliant;

plating and packaging

E: Gold 30u Inches, Stainless steel shield, Tray

0: Standard;

A: 4 X 75R , 1000pF , 8 cores, EMI ESD IEEE Plus

LED1 (RIGHT SIDE)

2- Yellow

LED2 (LEFT SIDE)

8: Bi-color Green/Orange(3 leds)



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		CHECKED Vivian Wen		06/19/2014							
		APPROVED Roger Tsai		06/19/2014							
ANGULAR ±1°						UNIT mm	SIZE A3				
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE RJMG		SCALE NA	SHEET 4 OF 4	DWG No. RJMG2310228A0ER		REV. BX1	