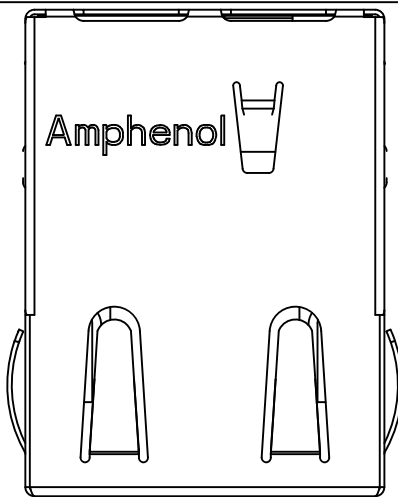


This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

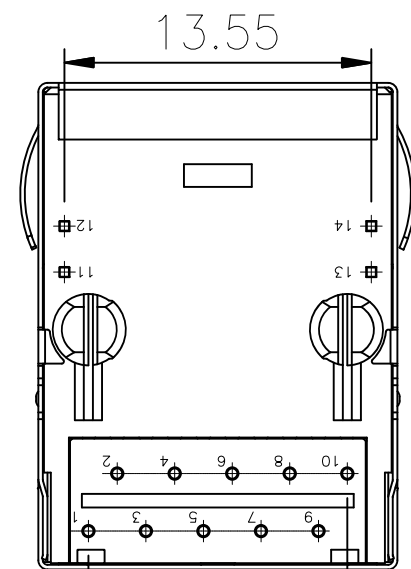
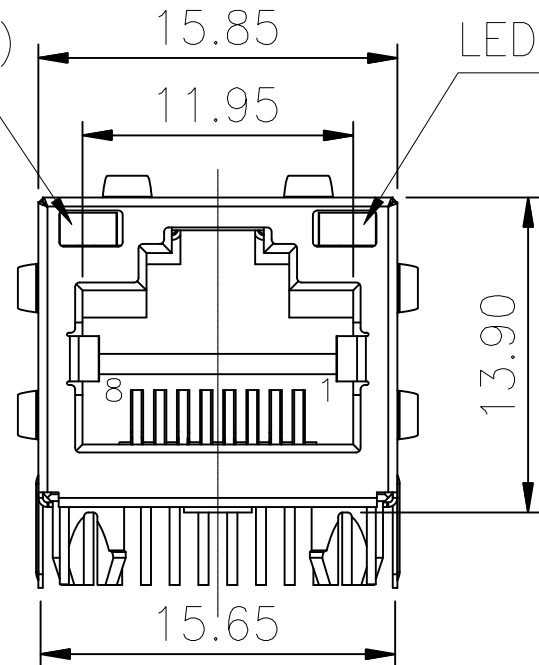
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

CUSTOMER DRAWING

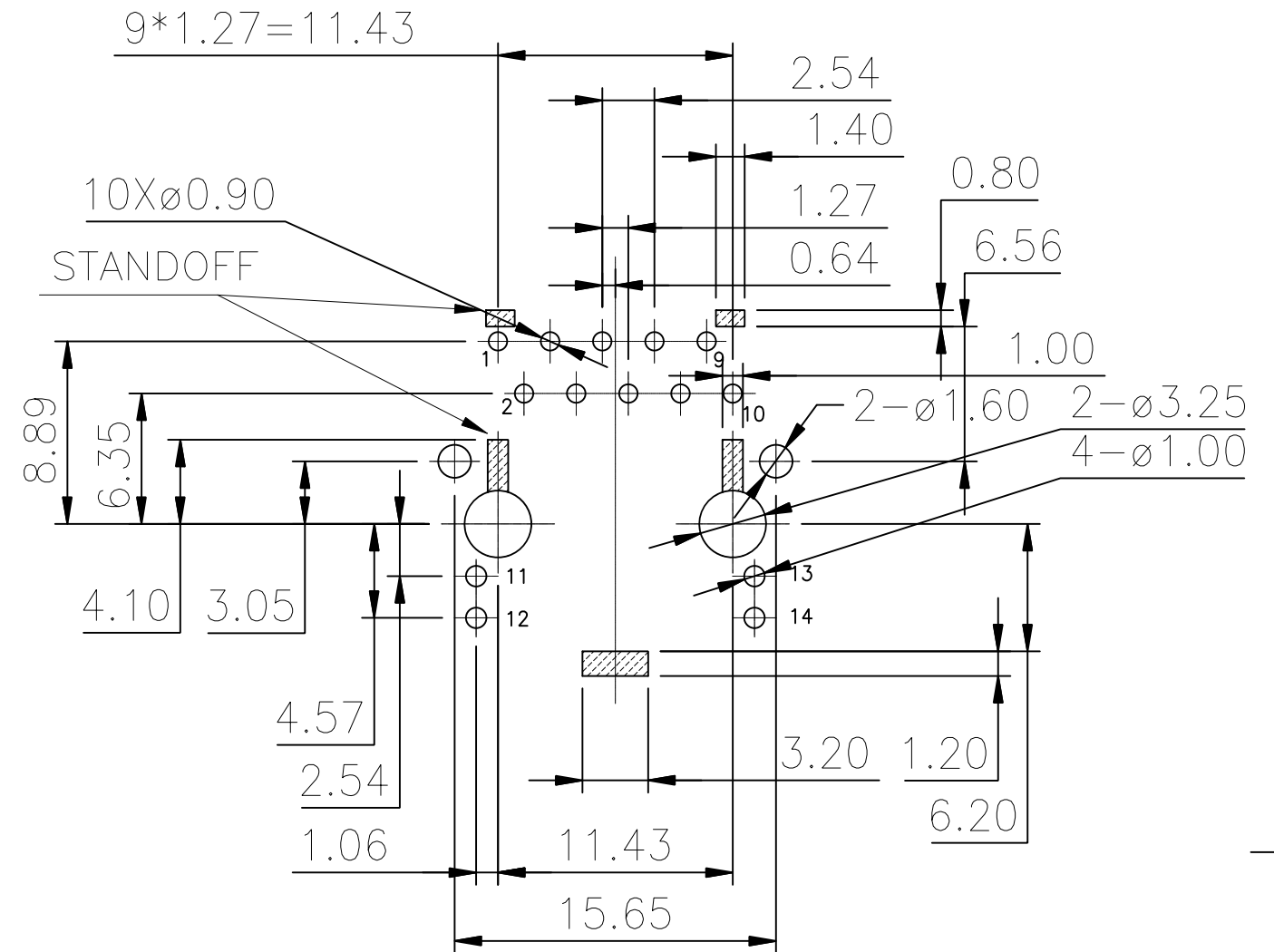
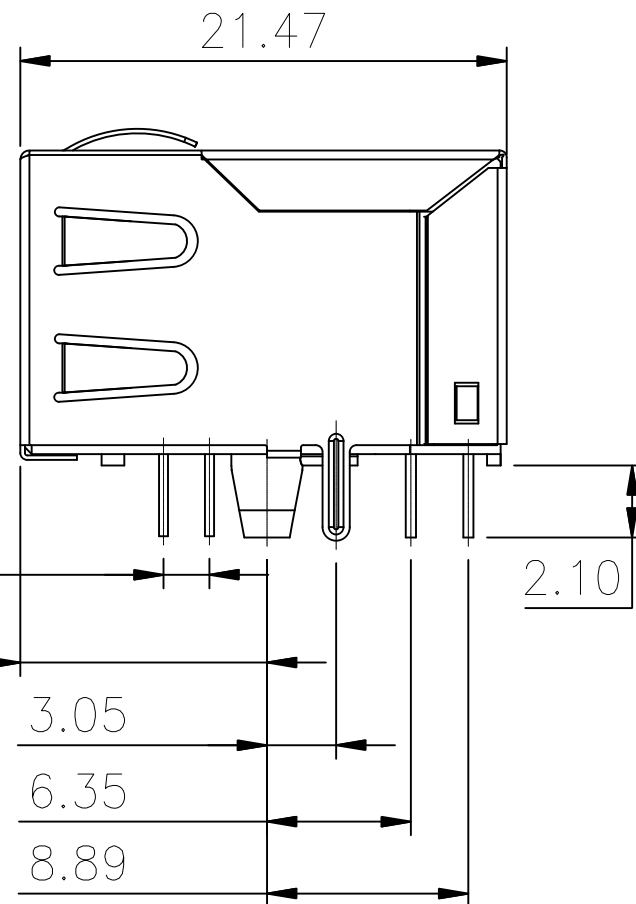
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NEW RELEASE	03/04/2015	Roger Tsai
AX2		UPDATE PCB LAYOUT	03/05/2015	Roger Tsai



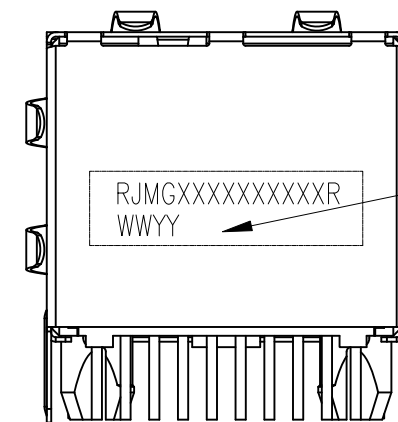
LED2(LEFT) LED1(RIGHT)



$$1.27 \times 9 = 11.43 \pm 0.10$$



RECOMMENDED PCB LAYOUT COMPONENT SIDE
ALL DIMENSION TOLERANCE ARE ± 0.05



Amphenol P/N
DATE CODE
WW=WEEK
YY=YEAR

TOLERANCE	APPROVALS	DATE	TITLE		Amphenol®			
X. ± 0.30 X.X ± 0.20 X.XX ± 0.10 ANGULAR $\pm 1^\circ$ UNLESS OTHERWISE SPECIFIED	DRAWN Devin Yen	03/05/2015	RJMG2016 Series 1X1 1000 Base-T Series with LED options		Amphenol Corporation Amphenol Taiwan Corporation			
	CHECKED Vivian Wen	03/05/2015						
	APPROVED Roger Tsai	03/05/2015						
	DWG TYPE CUST DWG	PROJECT CODE -			UNIT mm	SIZE A3	PART No. RJMG20162141BER	
					SCALE NA	SHEET 1 OF 4	DWG No. RJMG20162141BER	REV. AX2

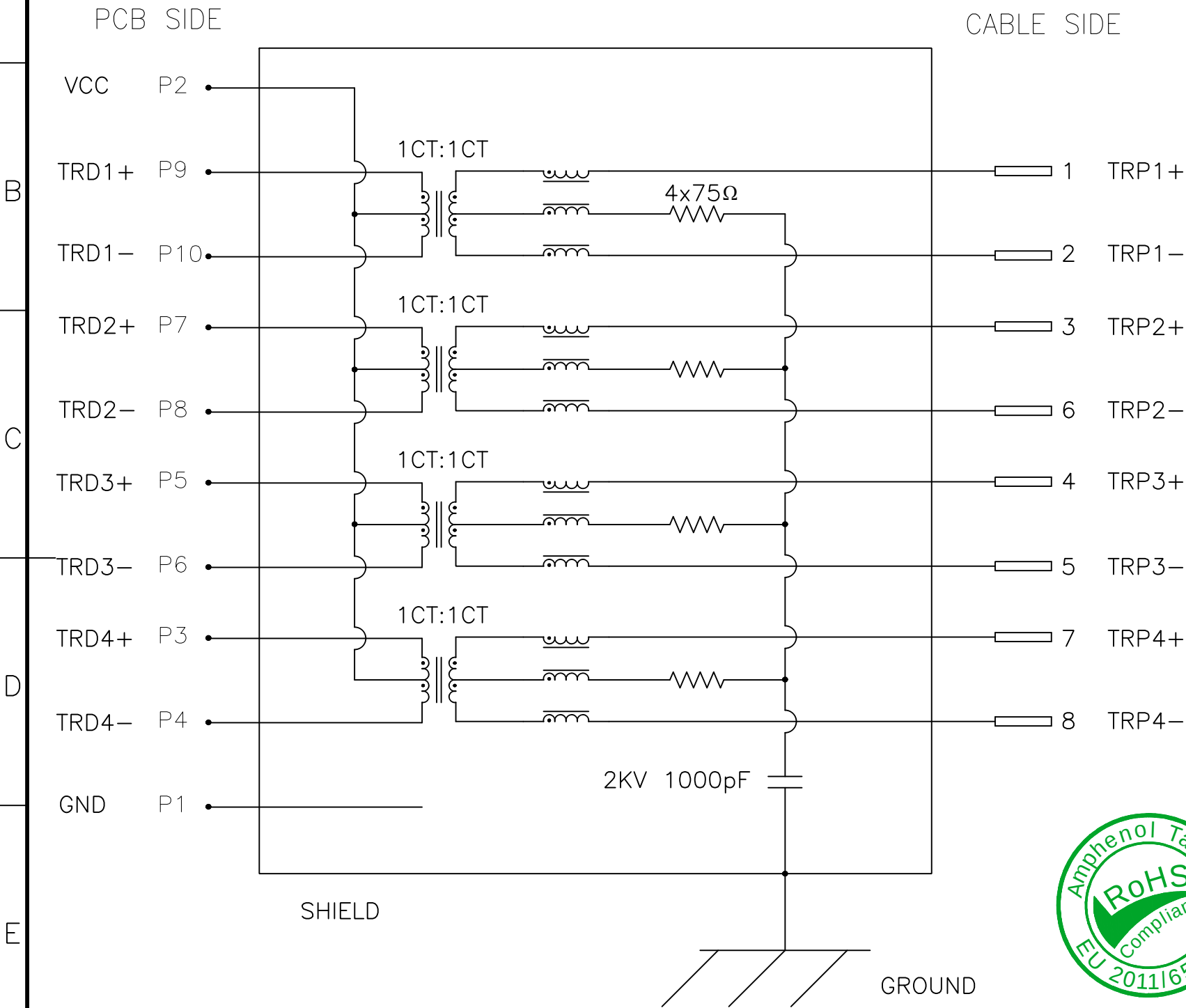
This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NEW RELEASE	03/04/2015	Roger Tsai
AX2		UPDATE PCB LAYOUT	03/05/2015	Roger Tsai

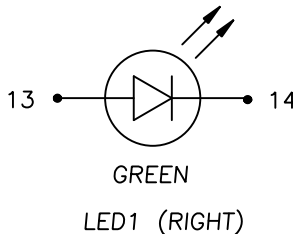
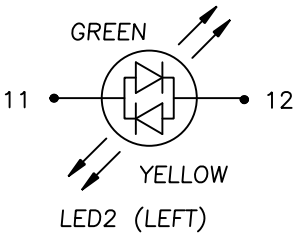
SCHEMATIC:



Electrical Specification(@25°C)

Parameters	Unit	
Turns Ratio(Primary):(Secondary)	—	1CT:1±5%
Inductance@100KHz,0.1Vrms,8mA DC	uH	350 Min.
Insertion Loss@1~100MHz	—dB	1.0 Max.
@100~125MHz	—dB	1.2 Max.
Return Loss@1~30MHz	—dB	18 Min.
@30~60MHz	—dB	16 Min.
@60~80MHz	—dB	12 Min.
@80~100MHz	—dB	10 Min.
Common Mode Rejection@1~100MHz	—dB	30 Min.
Cross Talk@1~100MHz	—dB	30 Min.
HiPot Test(Input):(Output)	V AC	1500 Min.

Operating Temperature:0°C To +70°C



TOLERANCE	APPROVALS	DATE	TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN Devin Yen CHECKED Vivian Wen APPROVED Roger Tsai DWG TYPE CUST DWG	03/05/2015 03/05/2015 03/05/2015						
			RJMG2016 Series 1X1 1000 Base-T Series with LED options		PART No. RJMG20162141BER			
				UNIT mm SCALE NA	SIZE A3 SHEET 2 OF 4	DWG No. RJMG20162141BER	REV. AX2	

This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NEW RELEASE	03/04/2015	Roger Tsai
AX2		UPDATE PCB LAYOUT	03/05/2015	Roger Tsai

NOTES:

1.MATERIAL:

RJ HOUSING: LCP UL94V-0,BLACK.
COVER: LCP UL94V-0,BLACK.
TRANSFORMER HOUSING: LCP BLACK,UL94V-0.
RJ CONTACTS: C5191-H T=0.25±0.01
RJ SOLDER PIN: STAINLESS
SHELL: SUS 304 1/2H

2.PLATING

RJ CONTACT: 1.27um min. Nickel underplating
selected gold min on contact
1.27um min tin on soldertail
RJ SOLDER PIN: 2.54um min tin overall,
0.75um min nickel underplating

3. ELECTRICAL CHARACTERISTICS : REFERE PAGE 2 SPEC

4. MECHANICAL CHARACTERISTICS :

INSERTION FORCE : 22N MAX.
REMOVAL FORCE(WITHOUT PLUG LOCK) : 22N MAX.
PLUG LOCKING RETENTION FORCE : 50N MIN./60sec
DURABILITY : 1000 TIMES

5. STORAGE TEMPERATURE : -40°C ~ 85°C

6. WAVE SOLDER CAPABLE TO 260°C

7. OTHERS:

7.1 DATE CODE YYWW

8. Ratings

8.1 VOLTAGE RATING: 125 VAC
8.2 CURRENT RATING: 1.5A

9. PERFORMANCE AND TEST DESCRIPTION

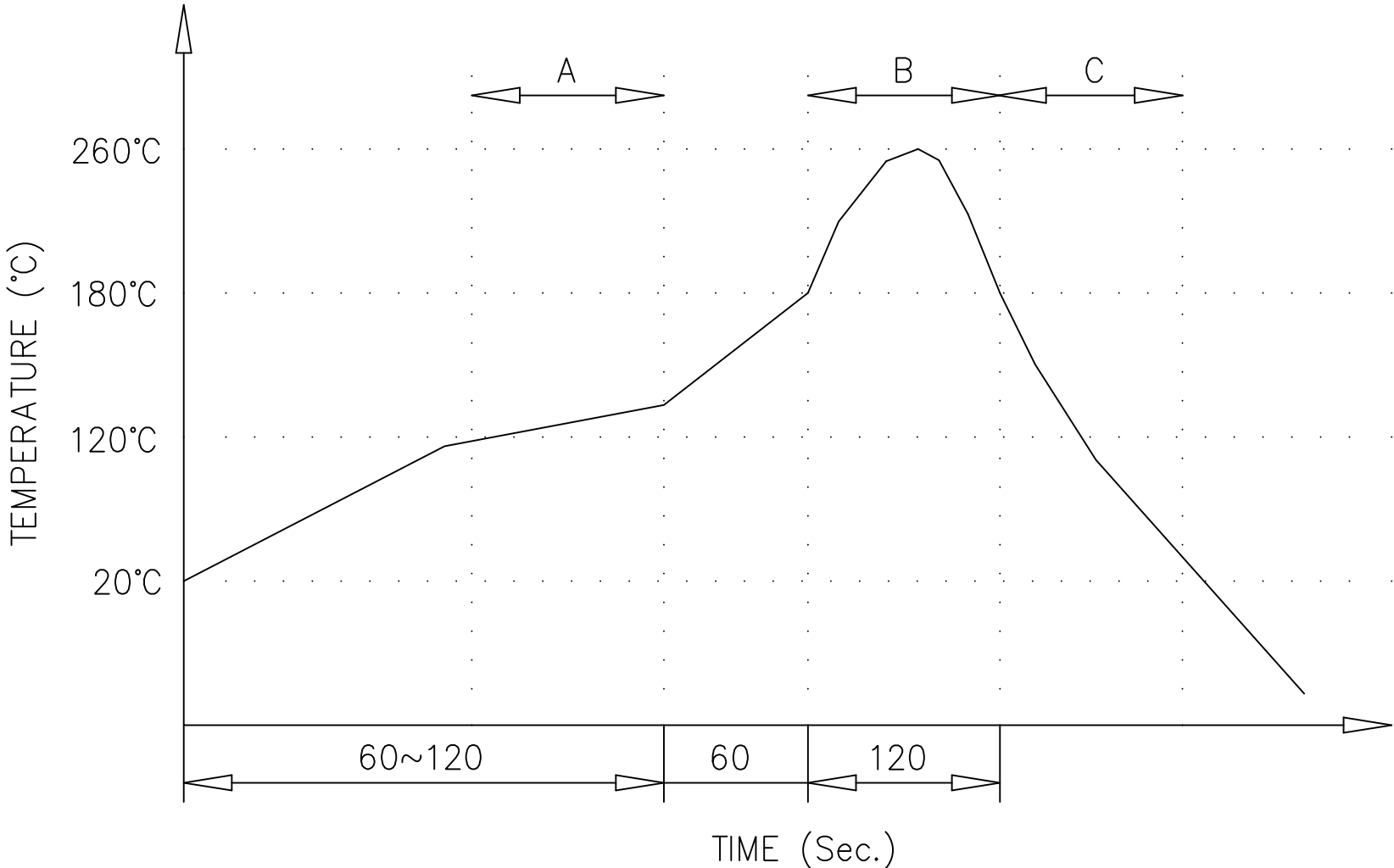
PRODUCT IS DESIGNED TO MEET ELECTRICAL,
MECHANICAL AND ENVIRONMENT PERFORMANCE
REQUIREMENTS SPECIFIED IN BELOW TABLE. ALL TESTS
ARE PERFORMED AT AMBIENT ENVIRONMENT

CONDITIONS

PER MIL-STD-1344A AND EIA-364 UNLESS OTHERWISE
SPECIFIED.

10. PACKAGING AND PACKING

ALL PARTS SHALL BE PACKAGED AND PACKED TO
PROTECT AGAINST PHYSICAL DAMAGE, CORROSION AND
DETERIORATION DURING SHIPMENT AND STORAGE.



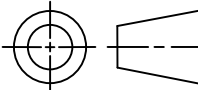
A.Preheating B.Soldering C.Gradual Cooling

Tip temperature: 260±5°C

Tip temperature time: 5Sec. Max.

The melting point of Sn96.5/Ag3/Cu0.5: 217°C



TOLERANCE	APPROVALS	DATE	TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN Devin Yen CHECKED Vivian Wen APPROVED Roger Tsai DWG TYPE CUST DWG	03/05/2015 03/05/2015 03/05/2015 PROJECT CODE —						
			RJMG2016 Series 1X1 1000 Base-T Series with LED options		PART No. RJMG20162141BER			
					UNIT mm SCALE NA	SIZE A3 SHEET 3 OF 4	DWG No. RJMG20162141BER REV. AX2	

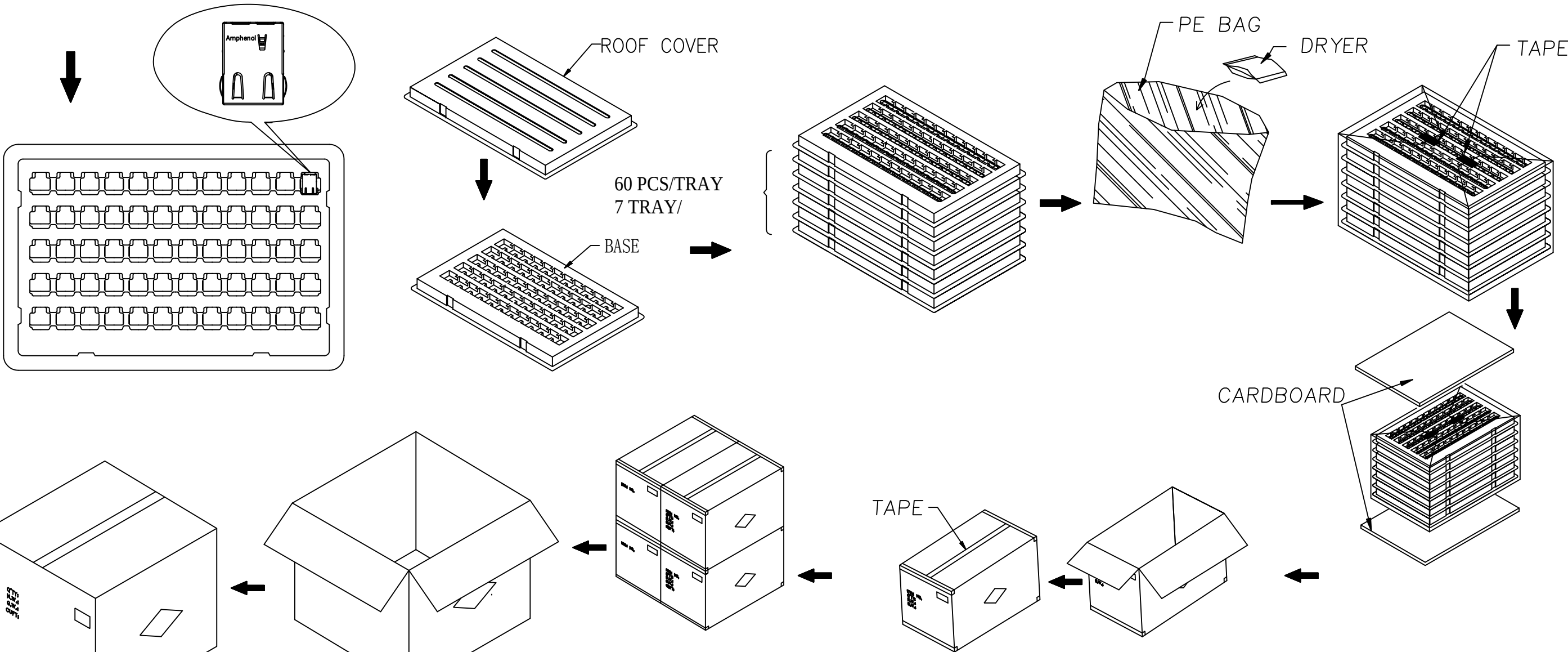
This document is the property of Amphenol Corporation and is delivered on the express condition that is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, and that no right is granted to disclose or to use any information in this document.

The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NEW RELEASE	03/04/2015	Roger Tsai
AX2		UPDATE PCB LAYOUT	03/05/2015	Roger Tsai

PRODUCT		TRAY PER PRIMARY CARTON	PCS PER TRAY	PCS PER PRIMARY CARTON	PCS PER MASTER CARTON
SERIES	PORTS				
RJMG	1X1	7	60	420	1680



TOLERANCE	APPROVALS	DATE	TITLE RJMG2016 Series 1X1 1000 Base-T Series with LED options			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	DRAWN Devin Yen	03/05/2015						
	CHECKED Vivian Wen	03/05/2015						
	APPROVED Roger Tsai	03/05/2015						
ANGULAR ±1°				UNIT mm	SIZE A3	PART No. RJMG20162141BER		
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE —		SCALE NA	SHEET 4 OF 4	DWG No. RJMG20162141BER		REV. AX2

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А