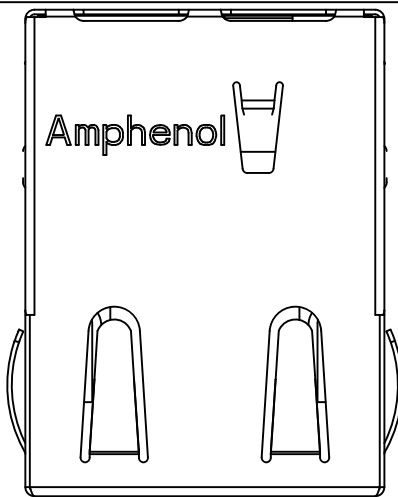


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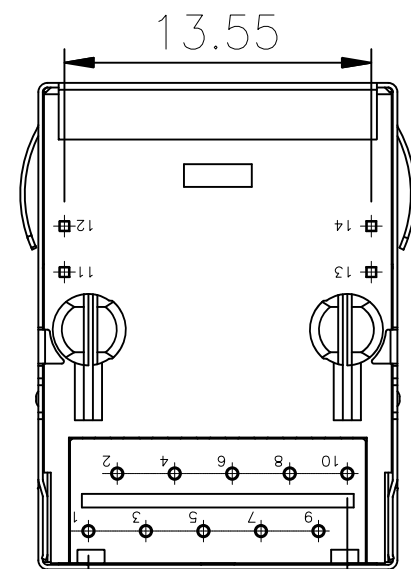
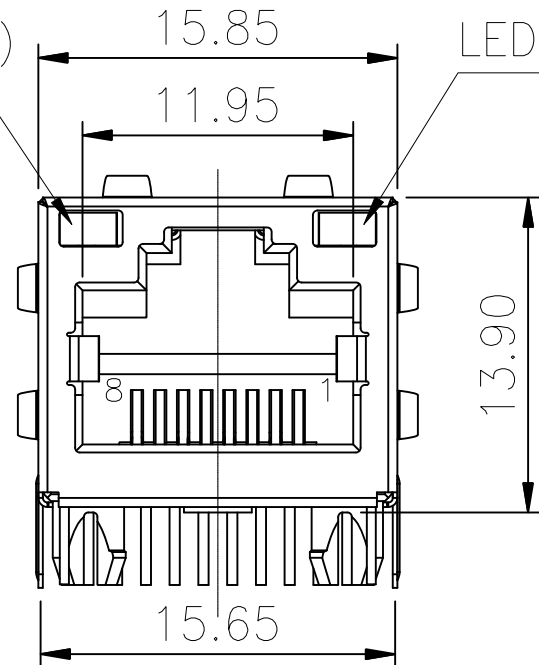
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CUSTOMER DRAWING

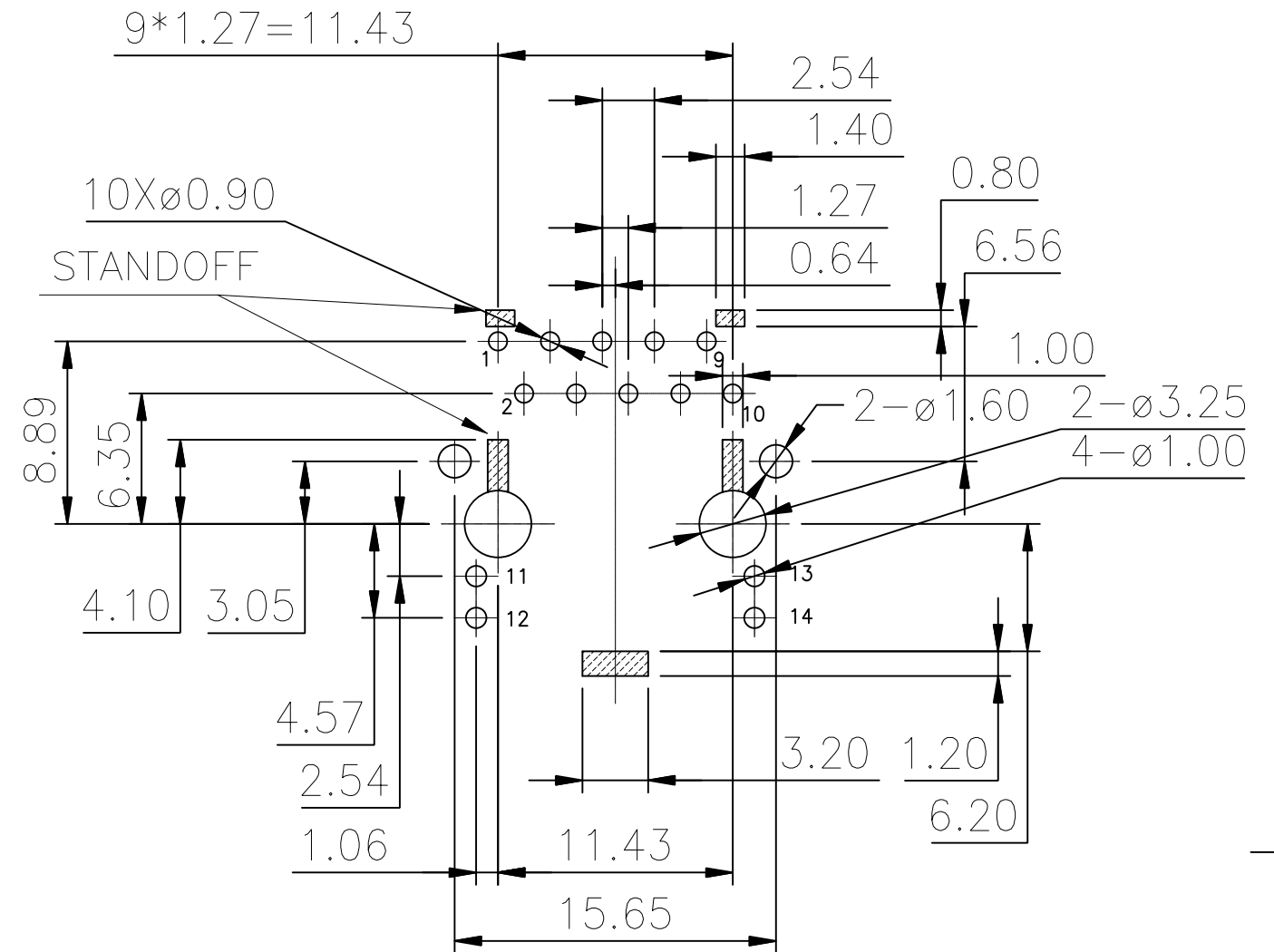
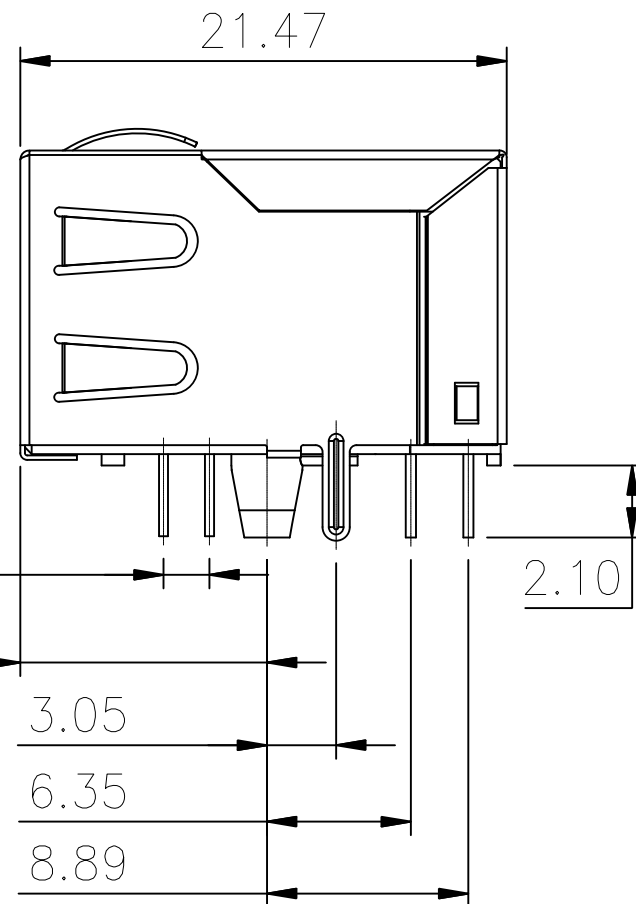
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NEW RELEASE	03/04/2015	Roger Tsai
AX2		UPDATE PCB LAYOUT	03/05/2015	Roger Tsai



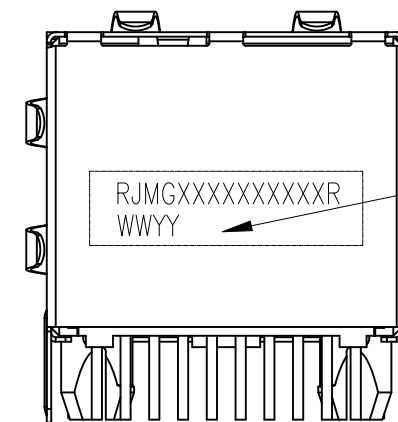
LED2(LEFT) LED1(RIGHT)



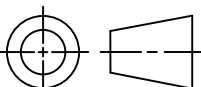
$$1.27 \times 9 = 11.43 \pm 0.10$$



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® Amphenol Corporation Amphenol Taiwan Corporation						
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±1°	DRAWN Devin Yen		03/05/2015				UNIT mm		SIZE A3		PART No. RJMG20162141BER			
	CHECKED Vivian Wen		03/05/2015				SCALE NA		SHEET 1 OF 4		DWG No. RJMG20162141BER		REV. AX2	
	APPROVED Roger Tsai		03/05/2015											
UNLESS OTHERWISE SPECIFIED		DWG TYPE CUST DWG		PROJECT CODE —										

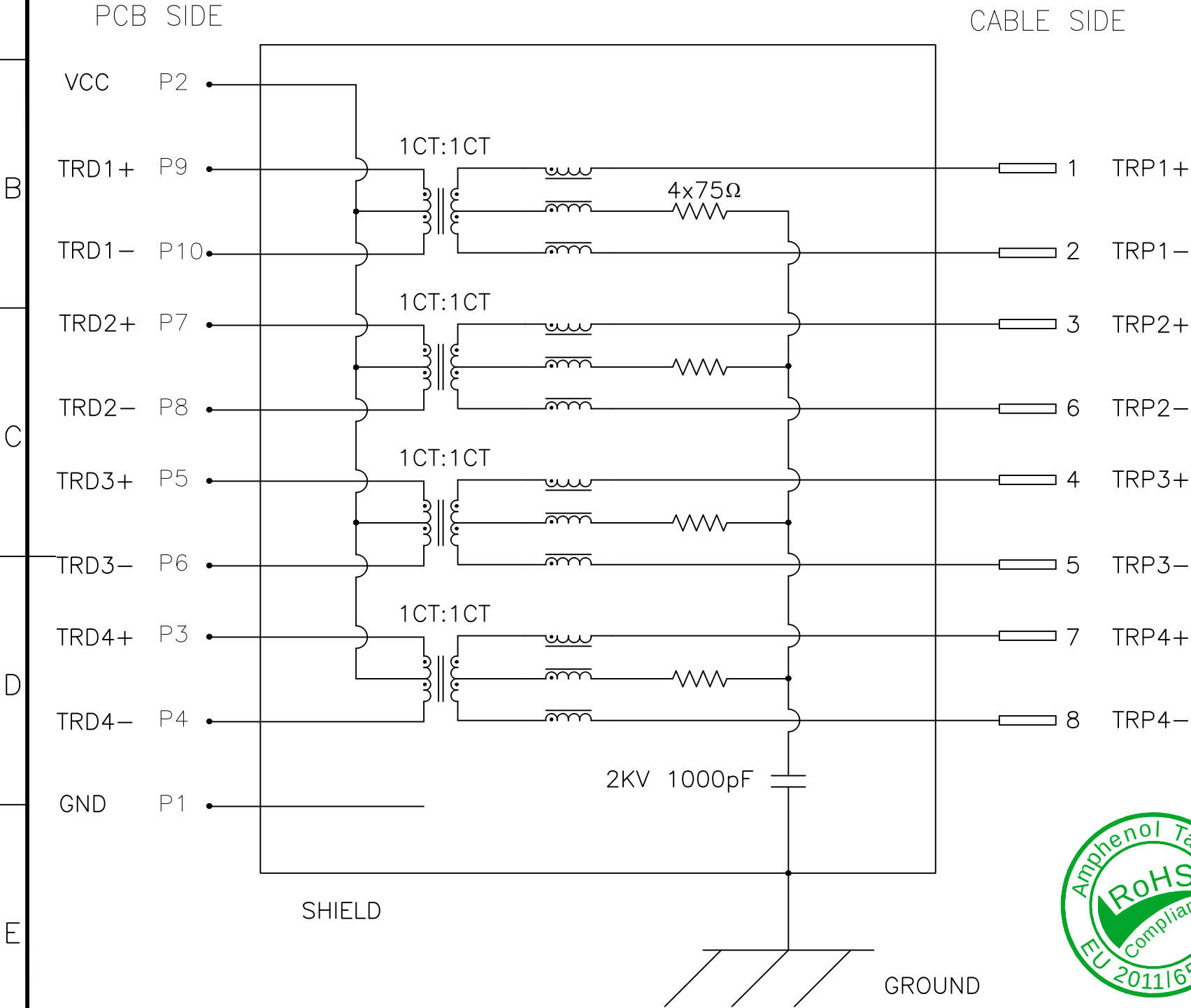
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CUSTOMER DRAWING

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

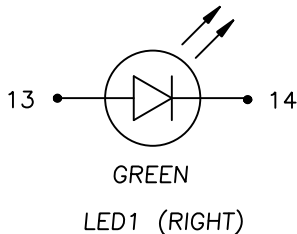
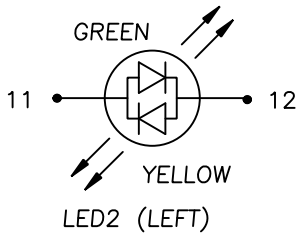
SCHEMATIC:

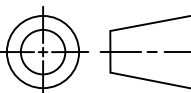


Electrical Specification(@25°C)

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	DRAWN Devin Yen	03/05/2015	RJMG2016 Series 1X1 1000 Base-T Series with LED options			PART No. RJMG20162141BER		
	CHECKED Vivian Wen	03/05/2015						
	APPROVED Roger Tsai	03/05/2015						
ANGULAR ±1°				UNIT mm	SIZE A3			
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE —		SCALE NA	SHEET 2 OF 4	DWG No. RJMG20162141BER	REV. AX2	

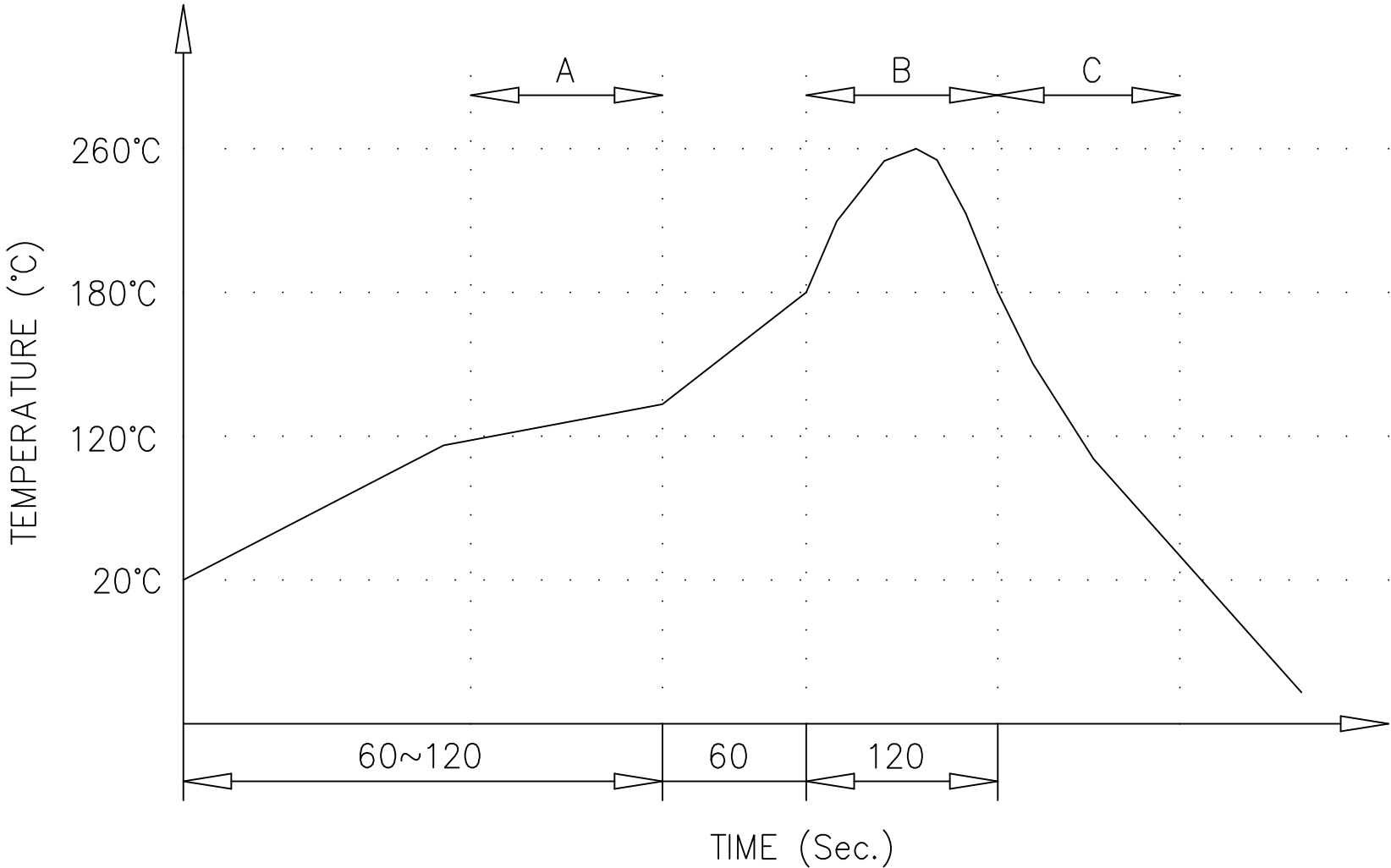
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CUSTOMER DRAWING

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.

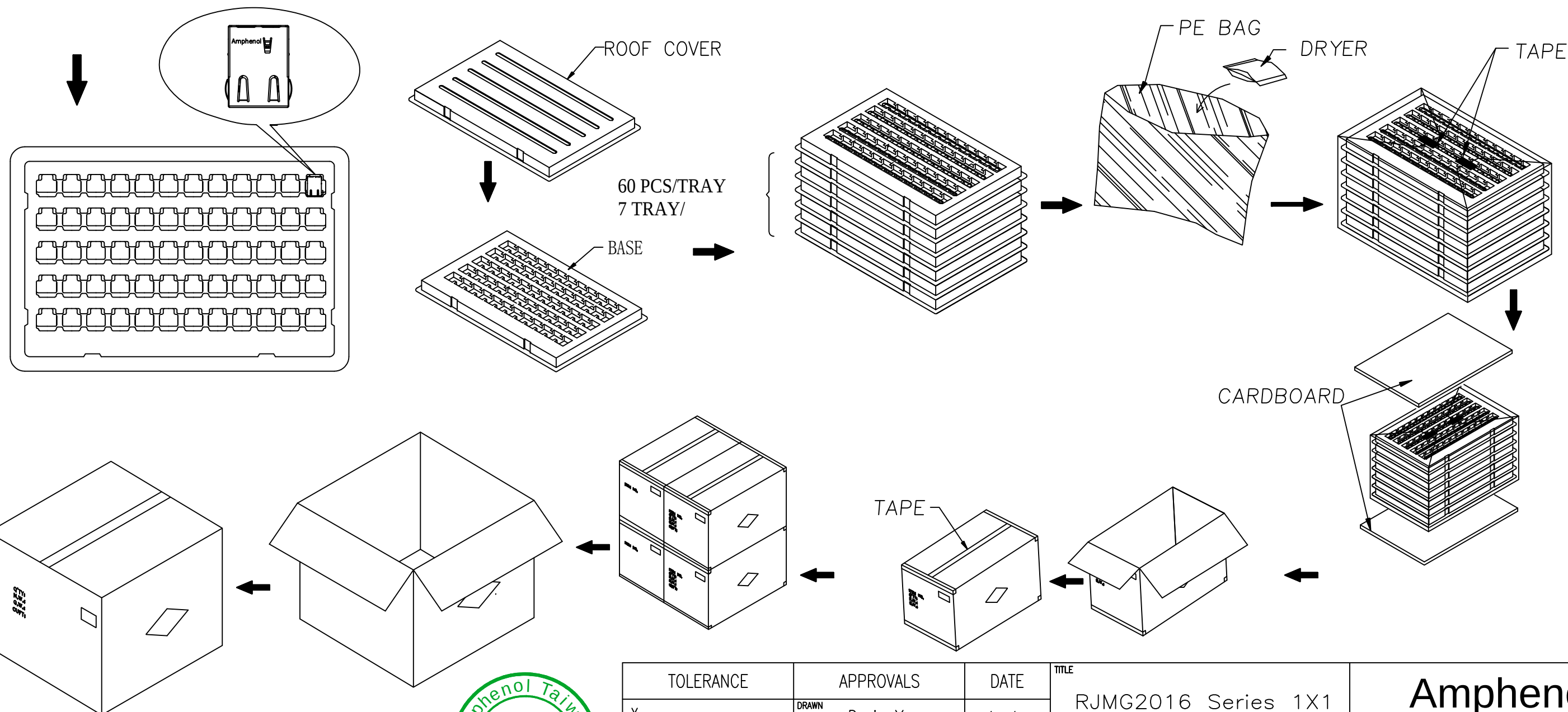
The melting point of Sn96.5/Ag3/Cu0.5: 217°C

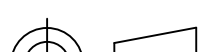
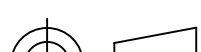
TOLERANCE	APPROVALS	DATE	TITLE		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation			
X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN Devin Yen CHECKED Vivian Wen APPROVED Roger Tsai DWG TYPE CUST DWG	03/05/2015 03/05/2015 03/05/2015 —						
			RJMG2016 Series 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	

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

Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

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