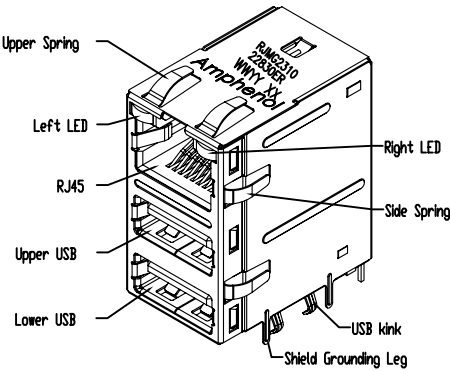
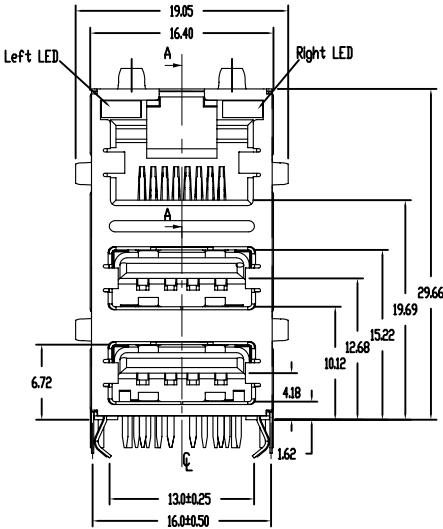
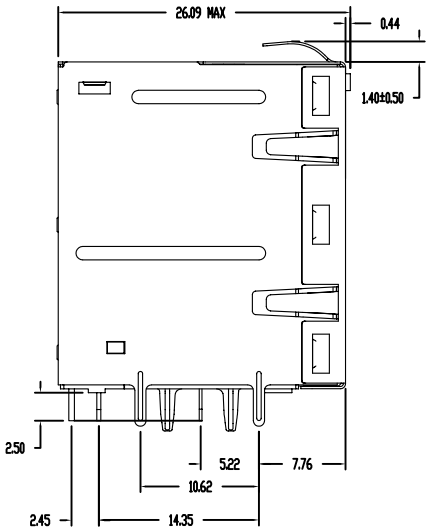
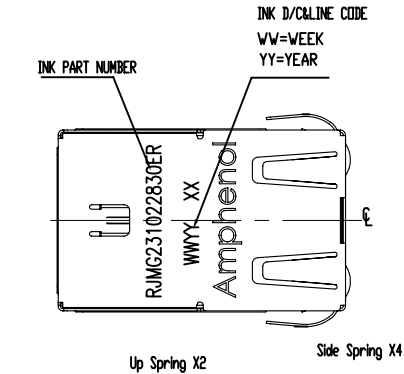


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CUSTOMER DRAWING

ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
B		RELEASE FOR IR PROCESS	Nov.12.08	Greg.L



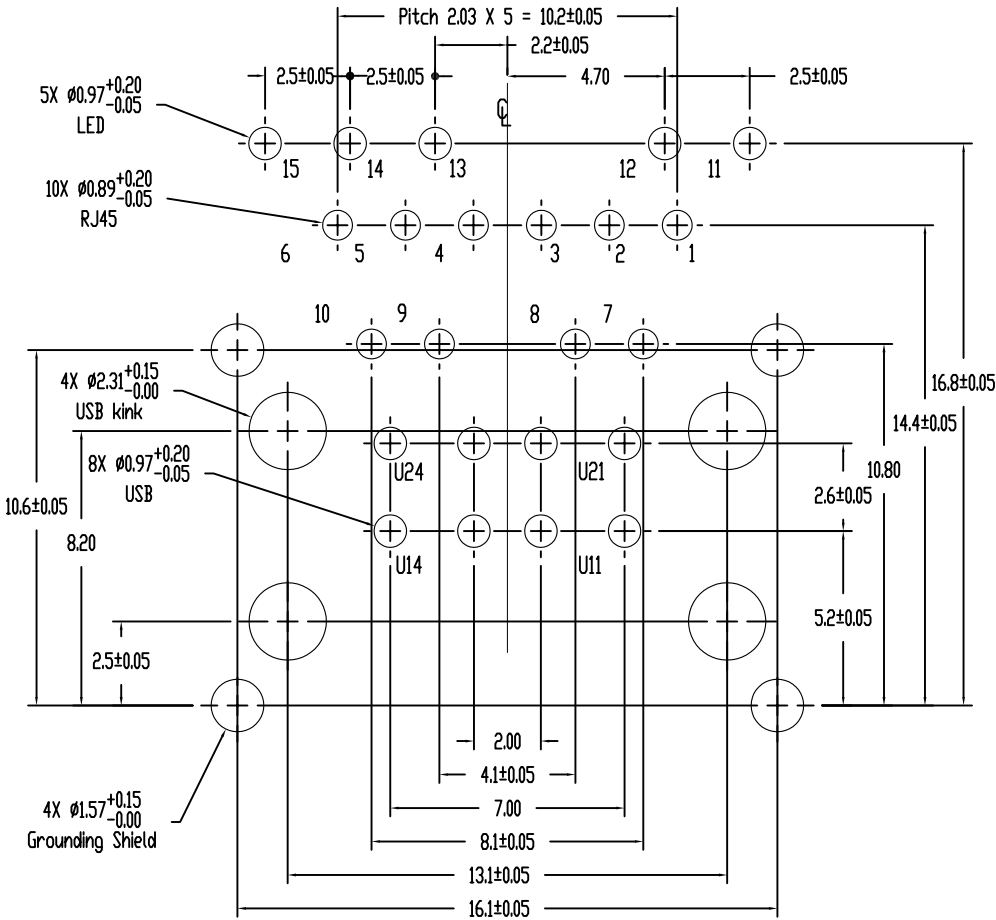
TOLERANCE m/m		APPROVALS		DATE	TITLE			Amphenol® Amphenol Corporation						
x.	±0.30	DRAWN		Stone Lee							Nov.12.2007			
x.x	±0.25	CHECKED		Jason Zhan							Nov.12.2007			
x.xx	±0.15	APPROVED		Greg.L							Nov.12.2007			
x.xxx	±0.08							SCALE N.A.		SHEET 1 OF 4				
ANGULAR ±2°														
UNLESS OTHERWISE SPECIFIED				UNIT	MM	SIZE	A3	PART NO.		RJMG231022830ER	DRAWING NO.	RJMG231022830ER	REV.	B

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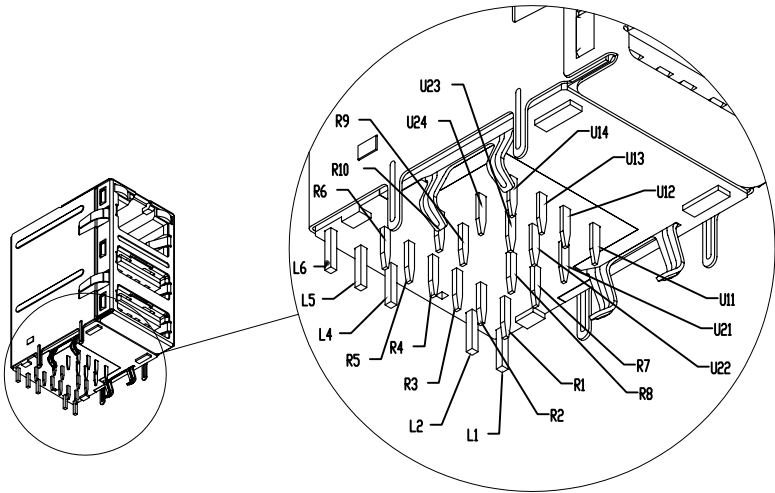
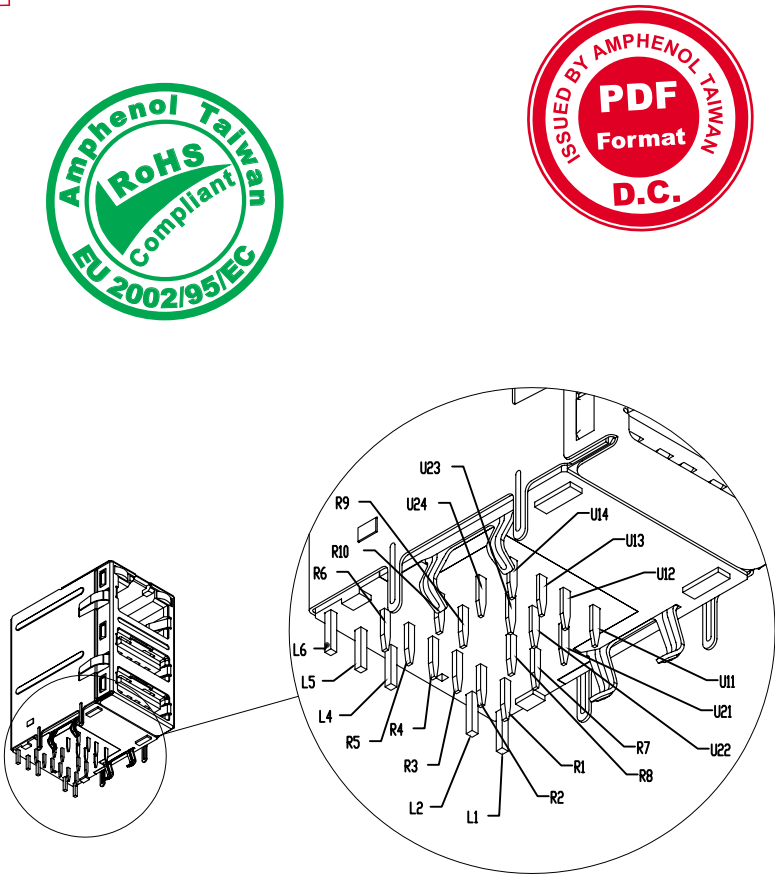
CUSTOMER DRAWING

ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
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Recommended PCB layout
component side view
PCB thickness : 1.6mm
The tolerance are ±0.05mm



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x.x	±0.25	CHECKED	Jason Zhan	Nov.12.2007					
x.xx	±0.15	APPROVED	Greg.L	Nov.12.2007					
x.xxx	±0.08				RJmag 1000 Base-T				
ANGULAR	±2°				RJ Over Dual USB				
UNLESS OTHERWISE SPECIFIED				UNIT	MM	SIZE	PART NO.	DRAWING NO.	REV.
						A3	RJMG231022830ER	RJMG231022830ER	B

CUSTOMER DRAWING

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
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Compliant with IEEE 802.3ab Standard

CONNECTOR PERFORMANCE
ELECTRICAL SPECIFICATION(@25° C)

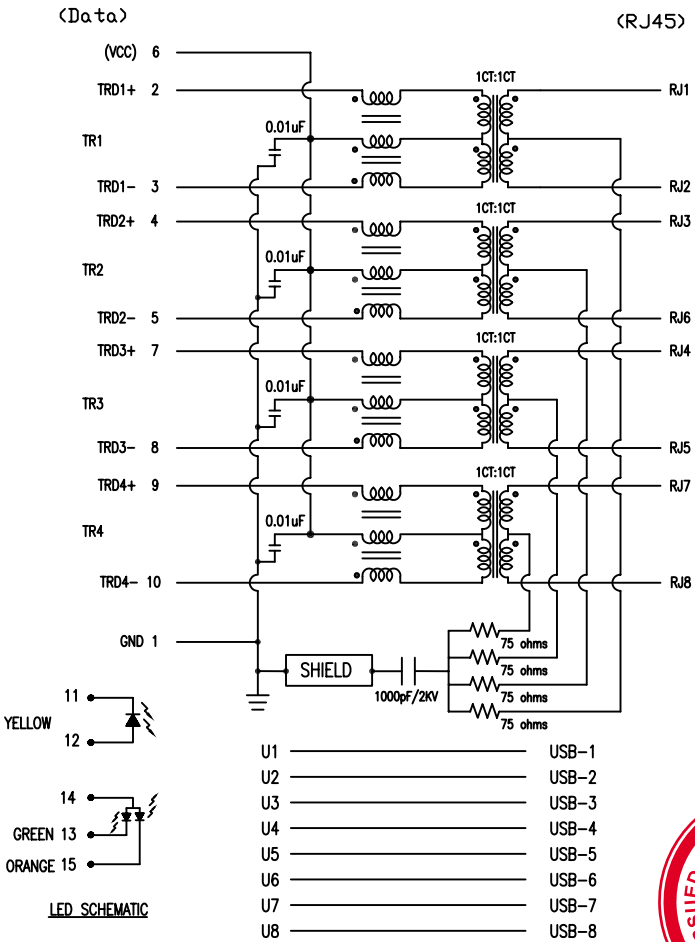
PARAMETER	LIMITS (MAX. OR MIN.)	FREQUENCY RANGE/ TEST CONDITIONS
INSERTION LOSS	-1.2dB MAX.	0.1-125 MHz
RETURN LOSS	-16dB MIN. -10+20 log(f/80MHz)dB MIN.	0.5-40 MHz 40-100 MHz
CM-CM REJECTION	-30dB MIN.	100KHz-100MHz
CM-DM REJECTION	-35dB MIN.	100KHz-100MHz
CROSSTALK	-35dB MIN.	100KHz-100MHz
HIPOT (Withstanding)	1.5kVrms/60Hz or 2.25VDC MIN.	60S
ISOLATION Resistance	1000M ohms MIN.	500VDC 60S
OCL	350uH MIN. From 0~70 degree	100KHz 100mV 8mA
TURN RATIO	1:1±5%	

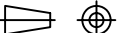


LED PERFORMANCE:

	Activity	Link	
	Yellow	Green (10Mbps)	Orange (100Mbps)
Display Color	Yellow	Green (10Mbps)	Orange (100Mbps)
Wavelength	590nm	565nm	605nm
Forward Current	30mA	30mA	30mA
Reverse Current	10uA	10uA	10uA
Forward Volt.Max	2.6VDC	2.6VDC	2.6VDC

ORIGINAL



TOLERANCE m/m		APPROVALS		DATE	TITLE			Amphenol® Amphenol Corporation								
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x.x	±0.25		CHECKED	Jason Zhan										Nov.12.2007		
x.xx	±0.15	APPROVED		Greg.L										Nov.12.2007	RJ Over Dual USB	
x.xxx	±0.08															
ANGULAR	±1°															
UNLESS OTHERWISE SPECIFIED				UNIT	MM	SIZE	A3	PART NO.	RJMG231022830ER	DRAWING NO.	RJMG231022830ER	REV.	B			

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CUSTOMER DRAWING

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MATERIALS:

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

CONTACTS (RJMAG):
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
IR REFLOW TEMPERATURE: 245°C FOR 15 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)

ORIGINAL



REMARKED:

RJMG-2310 - 2 2- 8 3- 0 ER

LED1 (RIGHT SIDE)

2- Yellow

R: Rohs Compliant;

plating and packaging

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

0: Standard;

3: 4 X 75R , 1000pF , 8 cores

LED2 (LEFT SIDE)

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



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ANGULAR	±2°				RJ Over Dual USB				
UNLESS OTHERWISE SPECIFIED				UNIT	SIZE	PART NO.	DRAWING NO.	REV.	
				MM	A3	RJMG231022830ER	RJMG231022830ER	B	

SCALE N.A. SHEET 4 OF 4

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

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

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

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

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