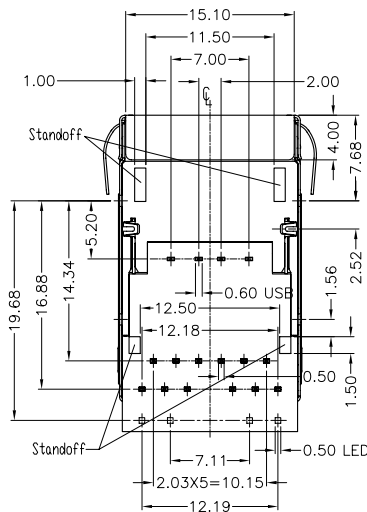
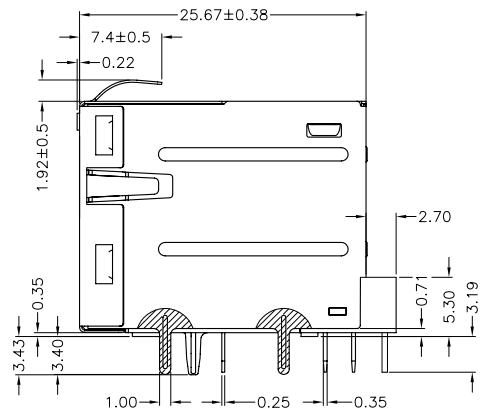
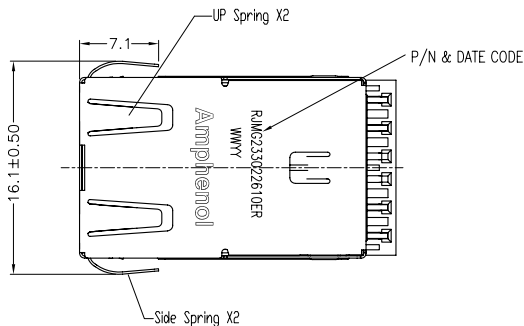
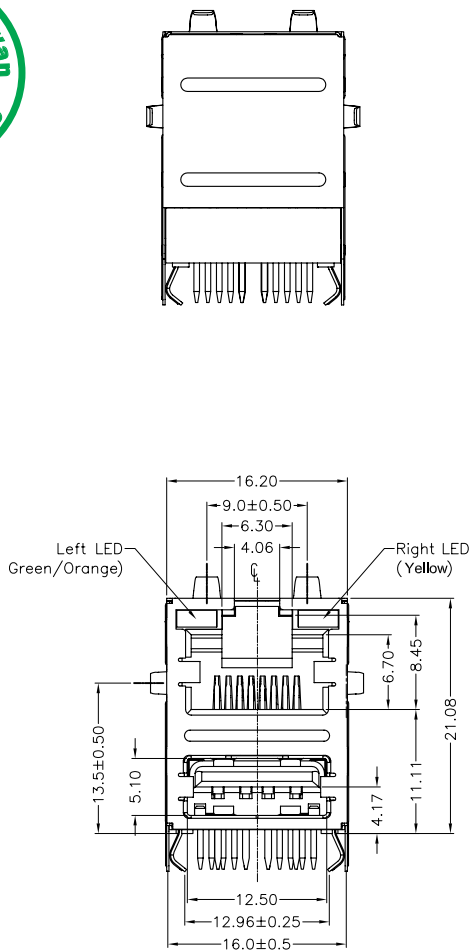


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CUSTOMER DRAWING
ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		PRELIMINARY RELEASED	Jun.01.09	Greg L

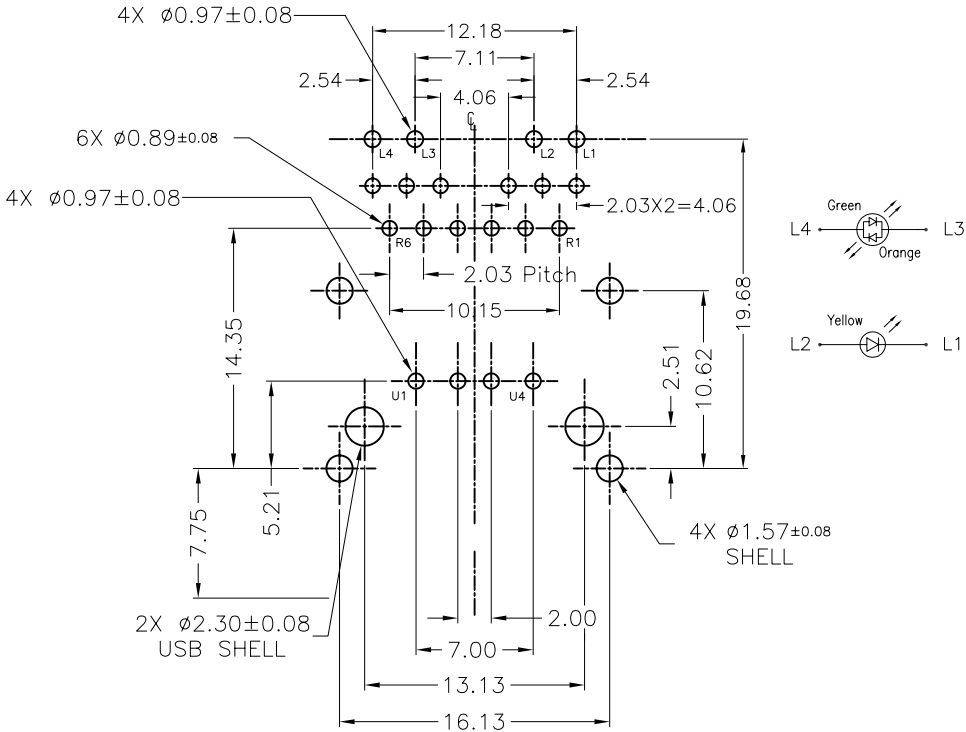


TOLERANCE m/m		APPROVALS		DATE	TITLE RJmag 1000 Base-T RJ Over USB			Amphenol® Amphenol East Asia Ltd		
x. ±0.30		DRAWN	Stone Lee	Jun.01.09						
x.x ±0.25		CHECKED	Jason Zhan	Jun.01.09						
x.xx ±0.15		APPROVED	Greg L	Jun.01.09						
x.xxx ±0.08								SCALE	N.A.	SHEET 1 OF 3
ANGULAR ±2°					SIZE	PART NO.	DRAWING NO.			REV.
UNLESS OTHERWISE SPECIFIED			UNIT	MM	A3	RJMG233022610ER	RJMG233022610ER			A

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CUSTOMER DRAWING
ORIGINAL

REVISIONS			
SYM	ECN No.	DESCRIPTION	DATE
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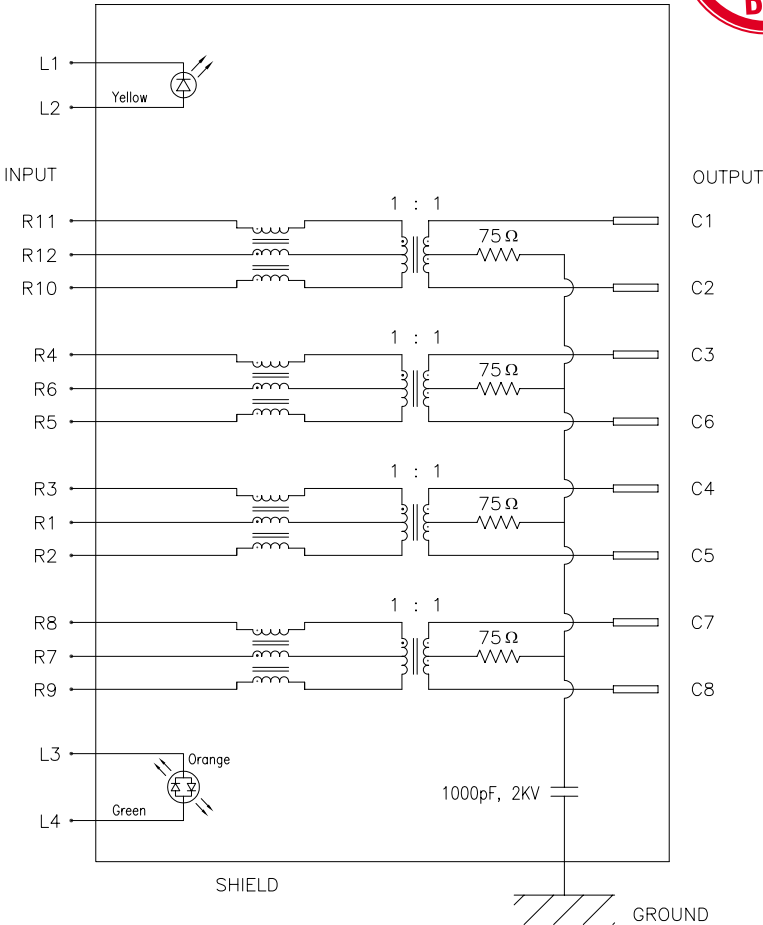


RECOMMENDED PCB LAYOUT
COMPONENT SIDE
PCB THICKNESS : 1.60mm
ALL DIMENSION TOLERANCE ARE ±0.05
UNLESS OTHERWISE SPECIFIED



LED PERFORMANCE

Emitted Color	Yellow	Green/Orange
Wavelength	585nm	568/610nm
Forward Current	30mA Max.	30mA Max.
Reverse Current	100uA Max. @ 5V	100uA Max. @ 5V
Forward Volt. Max.	2.2 VDC	2.2 VDC



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x.x	±0.25	CHECKED	Jason Zhan	Jun.01.09							
x.xx	±0.15	APPROVED	Greg L	Jun.01.09							
x.xxx	±0.08							SCALE	N.A.	SHEET 2 OF 3	
ANGULAR ±2°								DRAWING NO.			
UNLESS OTHERWISE SPECIFIED				UNIT	MM	SIZE	PART NO.	REV.			
						A3	RJMG233022610ER		RJMG233022610ER	A	

CUSTOMER DRAWING

ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		PRELIMINARY RELEASED	Jun.01.09	Greg L

MATERIALS:

1.Terminal Parts:

- 1.1.RJ Terminal :Phosphor Bronze,Thickness=0.30mm
Finish:30u" gold on contact area,100u" min. tin on
solder tail area,underplating 50~100u" Nickel over all.
- 1.2.RJ input Terminal :Brass,Thickness=0.35mm
Finish:100u" min. tin over 50~100u" Nickel.
- 1.3.Module Terminal :Brass,Thickness=0.25mm
Finish:100u" min. tin over 50~100u" Nickel.
- 1.4.USB Terminal : Phosphor Bronze , Thickness=0.25mm
Finish:15u" gold on contact area,100u" min. tin on
solder tail area,underplating 50~100u" Nickel over all.

2.Plastic Parts:

- 2.1.Housing : Thermoplastic , PBT , Black ;UL FILE No. : E130155
Grade:1410, Flame Class:UL94 V-0
- 2.2.Coil Case : Thermoplastic,PBT,UL FILE No. : E130155
Grade:1410, Flame Class:UL94 V-0
- 2.3.Spacer : Thermoplastic,PBT,UL FILE No. : E130155
Grade:1410, Flame Class:UL94 V-0

3.Shell Parts:

- 3.1.Shell : Stainless,Thickness=0.20mm,
Grounding Leg : Pre-soldering.
- 3.2.Grounding Leg of USB : Brass , Thickness=0.25mm
Finish : 100m? min. Tin over 50~100m? min. Nickel

OTHERS:

- 1.Operating Temperature : 0°C TO +70°C
- 2.Storage Temperature : -40°C TO +85°C
- 3.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS
- PART 68 , SUBPART F



ELECTRICAL SPECIFICATION(@25° C)
CONNECTOR PERFORMANCE

PARAMETER	LIMITS (MAX. OR MIN.)	FREQUENCY RANGE/ TEST CONDITIONS
INSERTION LOSS (RX/TX)	-1.0dB MAX.	1-100 MHz
RETURN LOSS (RX/TX)	-18dB MIN. -16dB MIN. -12dB MIN. -10dB MIN.	1-30 MHz 30-60 MHz 60-80 MHz 80-100 MHz
CM-CM REJECTION	-30dB MIN.	1-100 MHz
CROSSTALK ISOLATION (RX/TX)	-30dB MIN.	1-100 MHz
HIPOT (ISOLATION)	1.5kVrms MIN.	60 Sec.
OCL	350uH MIN.	100KHz 100mV 8mA
TURN RATIO	1:1±5%	

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x.xx	±0.15	APPROVED Greg L		Jun.01.09											
x.xxx	±0.08							SCALE		N.A.		SHEET 3 OF 3			
ANGULAR ±2°															
UNLESS OTHERWISE SPECIFIED				UNIT MM		SIZE A3		PART NO. RJMG233022610ER		DRAWING NO. RJMG233022610ER				REV. A	