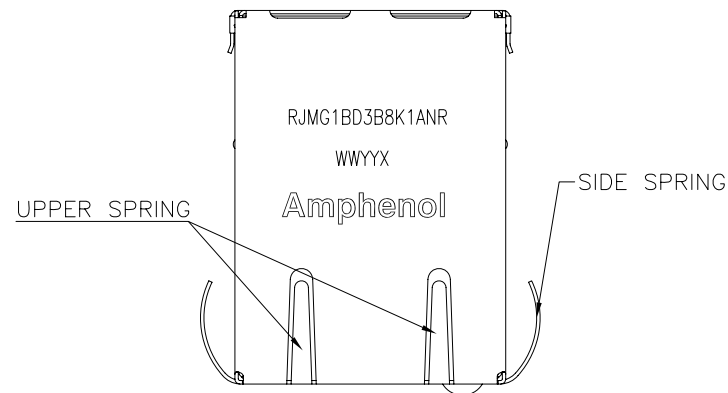
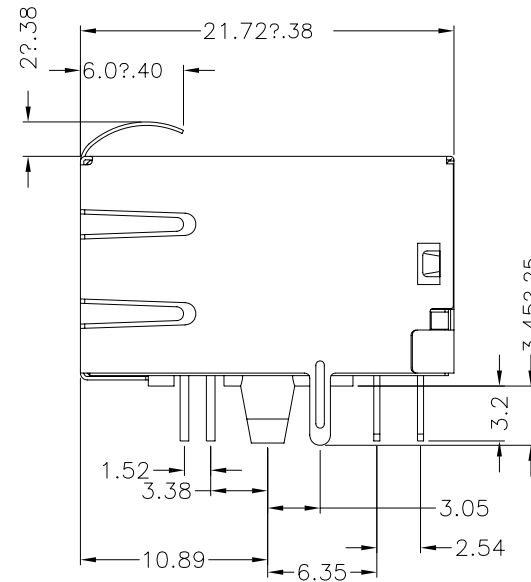
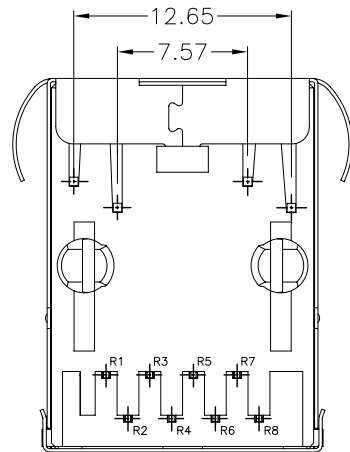
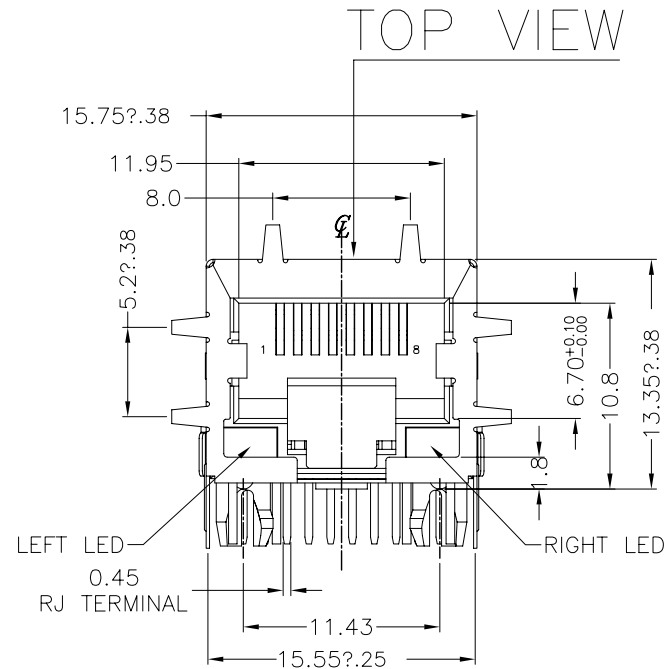


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CUSTOMER DRAWING ORIGINAL

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		FIRST EDITION RELEASED	Aug.07.07	Greg L



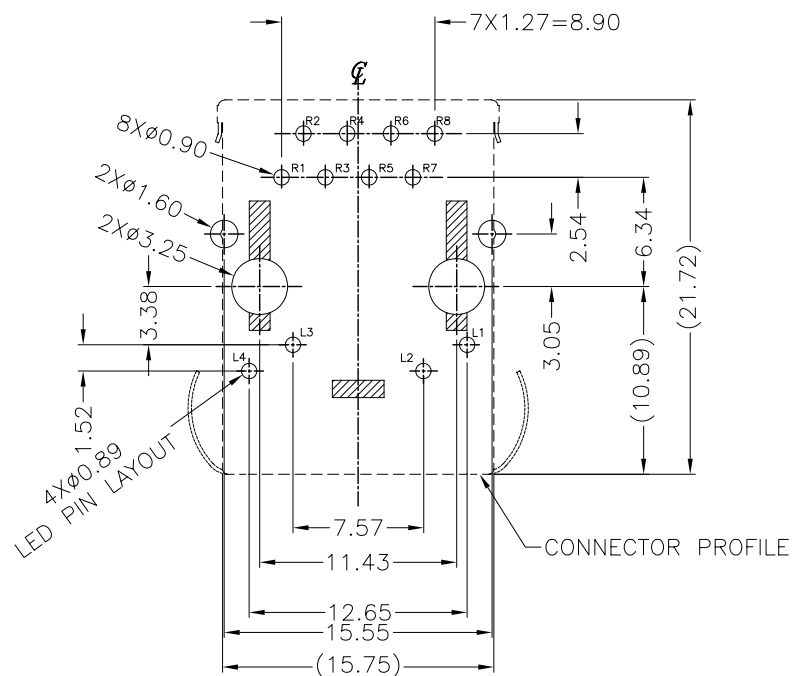
TOP VIEW

TOLERANCE m/m		APPROVALS		DATE	TITLE		<div>Amphenol®</div> <div>Amphenol Corporation</div> <div>Amphenol Taiwan Corporation</div>							
x.	±0.30	DRAWN	Stone Lee	Aug.07.07										
x.x	±0.25	CHECKED	Jason Zhan	Aug.07.07										
x.xx	±0.13	APPROVED	Greg L	Aug.07.07										
x.xxx	±0.08													
ANGULAR	±1°													
UNLESS OTHERWISE SPECIFIED				UNIT	SIZE	PART NO.	DRAWING NO.	SCALE	N.A.	SHEET	1	OF	3	REV.
				MM	A3	RJMG1BD3B8K1ANR	RJMG1BD3B8K1ANR							A



A circular logo with a green border. Inside the circle, the text "RoHS" is written in a large, bold, sans-serif font. Below "RoHS", the word "Compliant" is written in a smaller, sans-serif font. The entire logo is set against a white background.

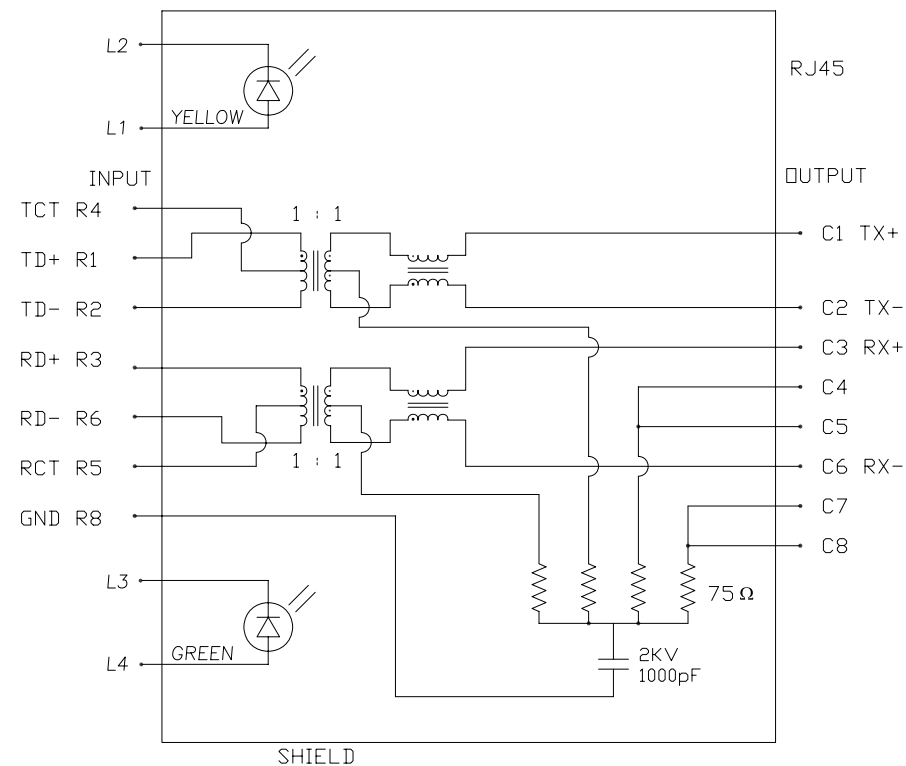
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		FIRST EDITION RELEASED	Aug.07.07	Greg L




RECOMMENDED PCB LAYOUT

COMPONENT SIDE

ALL DIMENSION TOLERANCE ARE ±.05mm
UNLESS OTHERWISE SPECIFIED



TOLERANCE m/m		APPROVALS		DATE		TITLE RJMG1B SERIES 10/100 BASE-T SINGLE PORT WITH FILTER & LED OPTION		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation					
x. ±0.30		DRAWN		Stone Lee								Aug.07.07	
x.x ±0.25		CHECKED		Jason Zhan								Aug.07.07	
x.xx ±0.13		APPROVED		Greg L				Aug.07.07					
x.xxx ±0.08													
ANGULAR ±1°								SCALE N.A.		SHEET 2 OF 3			
UNLESS OTHERWISE SPECIFIED				UNIT		MM		SIZE PART NO.		DRAWING NO.		REV.	
						A3		RJMG1BD3B8K1ANR		RJMG1BD3B8K1ANR		A	



CUSTOMER DRAWING
ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		FIRST EDITION RELEASED	Aug.07.07	Greg L

MATERIALS:

1.Terminal Parts:

1.1.RJ Output Terminal :Phosphor Bronze,Thickness=0.30mm
Finish:Gold Flash 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.Link Terminal :Brass,Thickness=0.25mm
Finish:100u" min. tin over 50~100u" Nickel.

2.Plastic Parts:

2.1.Housing : Thermoplastic,PA,Black,
UL FILE No. : E47960
Grade : TE250F6
Flame Class : UL94 V-0

2.2.Coil Case : Thermoplastic,PA,Black,
UL FILE No. : E47960
Grade : TE250F6
Flame Class : UL94 V-0

3.Shell Parts:

3.1.Front Shell : Stainless,Thickness=0.20mm,
3.2.Back Shell : Stainless,Thickness=0.20mm,
Grounding Leg : Pre-soldering.

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.	1-30 MHz 30-60 MHz 60-80 MHz
CM-CM REJECTION	-30dB MIN.	1-100 MHz
CROSSTALK ISOLATION (RX/TX)	-30dB MIN.	1-100 MHz
HIPOT (ISOLATION)	1.5kVrms MIN.	60S
OCL	350uH MIN.	100KHz 100mV 8mA
TURN RATIO	1:1±5%	

TOLERANCE m/m		APPROVALS		DATE	TITLE RJMG1B SERIES 10/100 BASE-T SINGLE PORT WITH FILTER & LED OPTION		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
x.	±0.30	DRAWN	Stone Lee	Aug.07.07					
x.x	±0.25	CHECKED	Jason Zhan	Aug.07.07					
x.xxx	±0.13	APPROVED	Greg L	Aug.07.07					
ANGULAR	±1°						SCALE	N.A.	SHEET 3 OF 3
UNLESS OTHERWISE SPECIFIED				UNIT	SIZE	PART NO.	DRAWING NO.	REV.	
				MM	A3	RJMG1BD3B8K1ANR	RJMG1BD3B8K1ANR	A	

Mouser Electronics

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