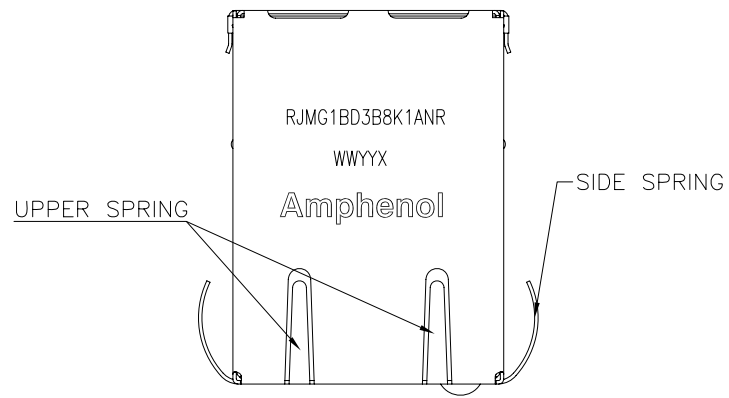
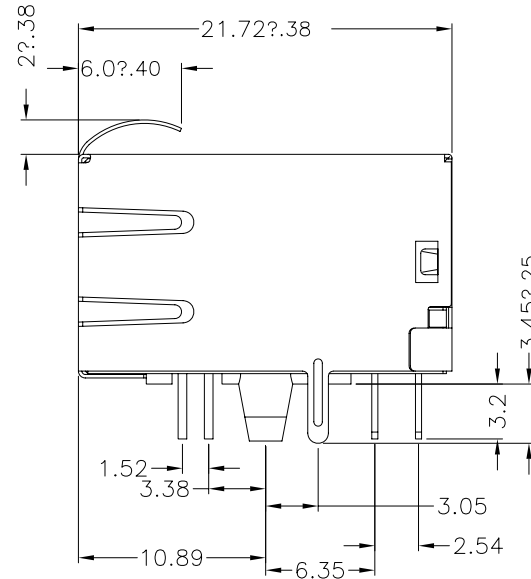
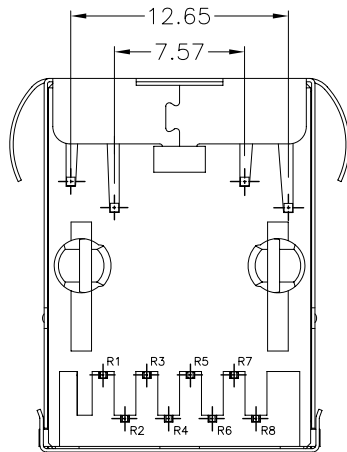
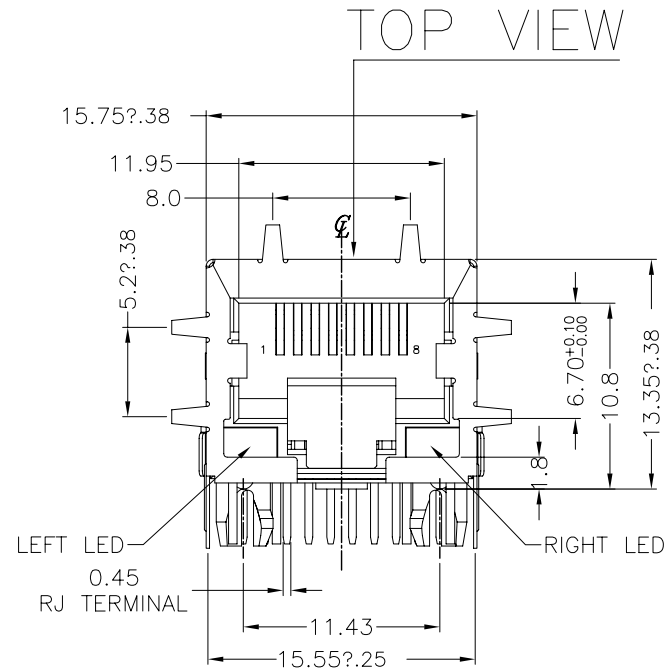


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CUSTOMER DRAWING ORIGINAL

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



TOP VIEW

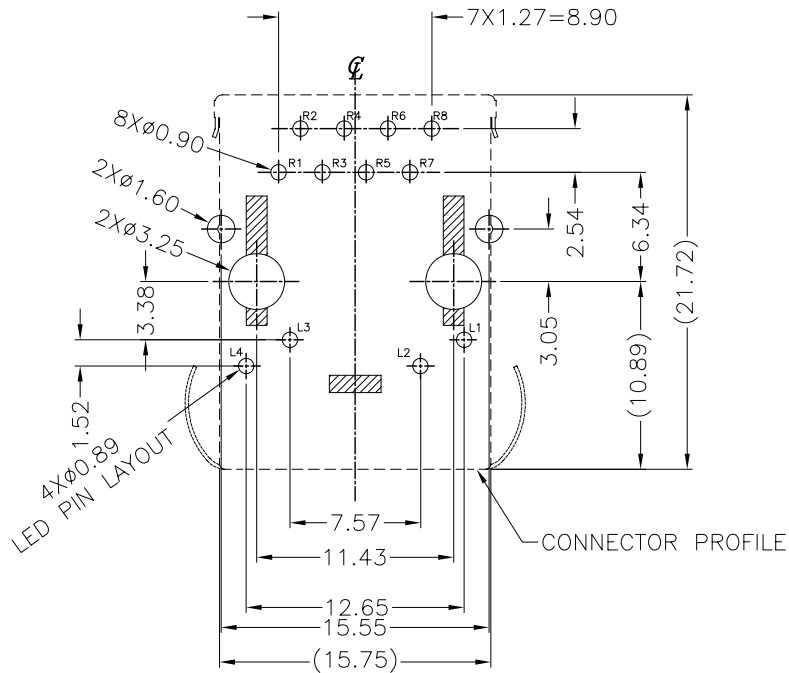
TOLERANCE m/m		APPROVALS		DATE	TITLE RJMG1B SERIES 10/100 BASE-T SINGLE PORT WITH FILTER & LED OPTION		Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
x.	±0.30	DRAWN	Stone Lee	Aug.07.07					
x.x	±0.25	CHECKED	Jason Zhan	Aug.07.07					
x.xx	±0.13	APPROVED	Greg L	Aug.07.07					
x.xxx	±0.08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



CUSTOMER DRAWING
ORIGINAL

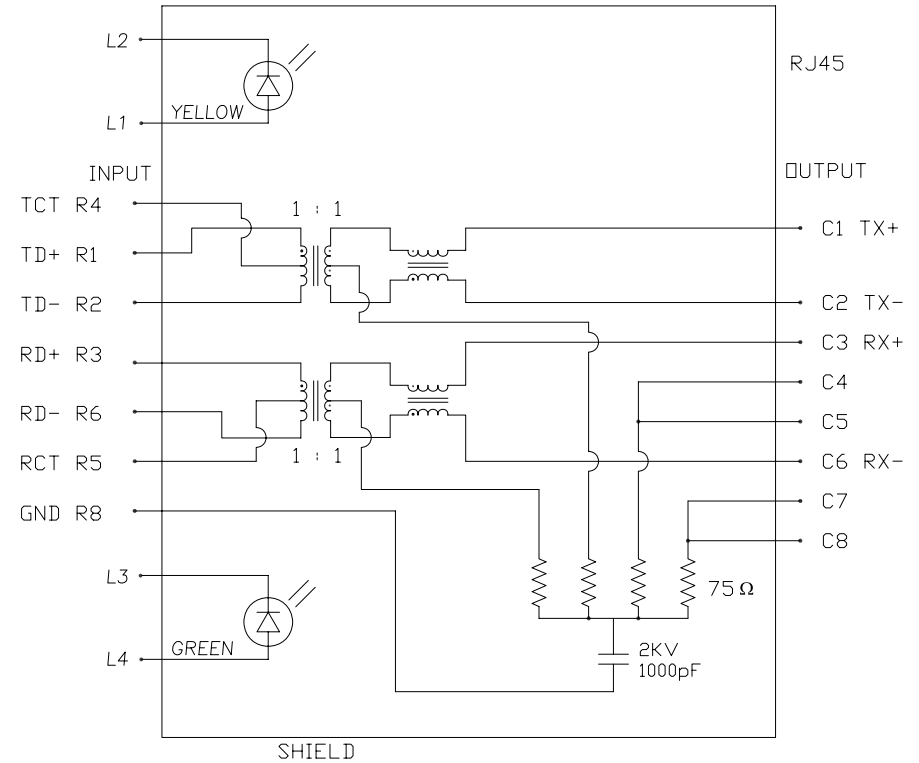


REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
A		FIRST EDITION RELEASED	Aug.07.07	Greg L



RECOMMENDED PCB LAYOUT
COMPONENT SIDE

ALL DIMENSION TOLERANCE ARE $\pm 0.05\text{mm}$
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				SCALE N.A. SHEET 2 OF 3		
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	MM	SIZE	PART NO.	DRAWING NO.	REV.	
						A3	RJMG1BD3B8K1ANR	RJMG1BD3B8K1ANR	A	



CUSTOMER DRAWING
ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
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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		
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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	

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