

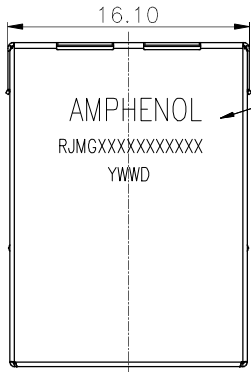
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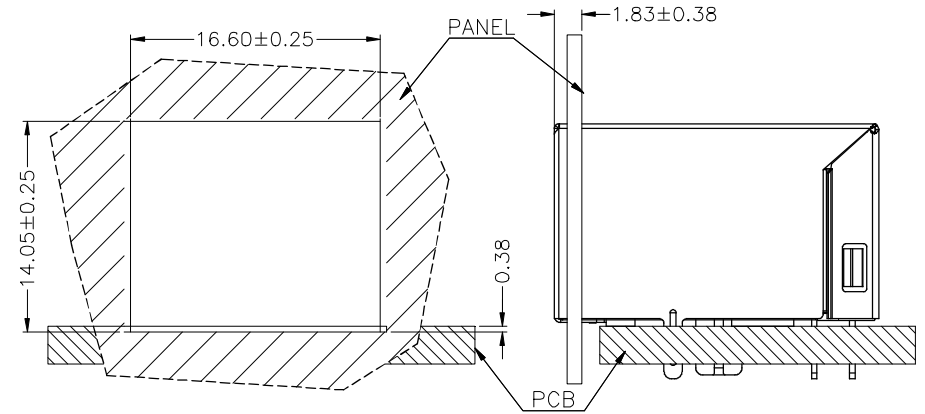
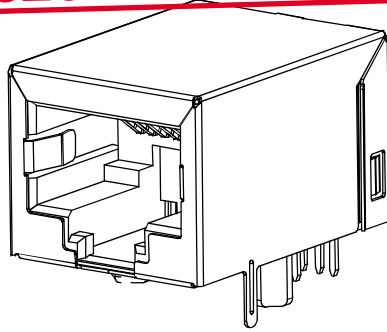
CUSTOMER DRAWING

**PRELIMINARY RELEASE
SUBJECT TO CHANGE**

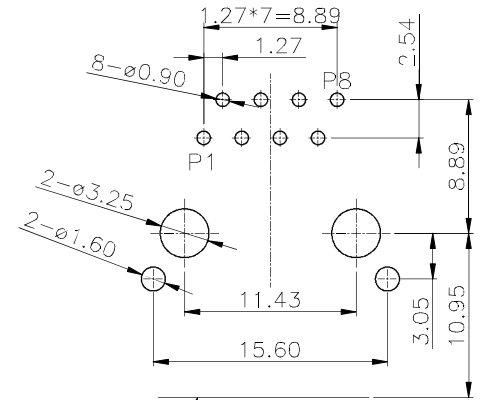
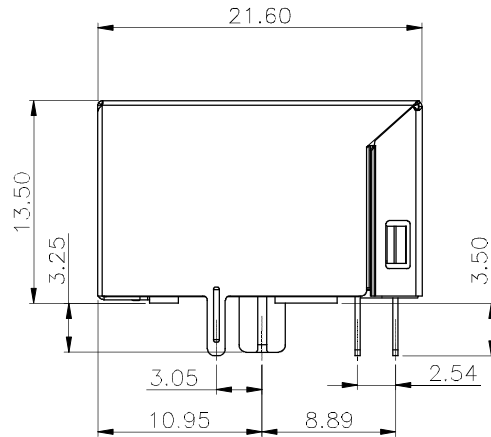
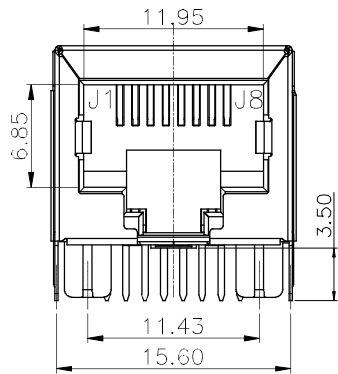
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1	/	RELEASE DRAWING	02/20/2019	Lawrence Chan
AX2	/	UPDATE DRAWING: Update Panel Cutout Proposal Diagram	02/22/2019	Lawrence Chan



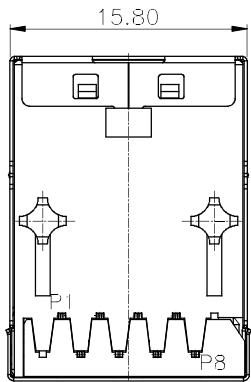
P/N & DATE CODE
Y=YEAR
WW=WEEK
D=DAY



SUGGESTED PANEL CUTOUT



Recommended PCB Layout
(Tol: ±0.05, T=1.60±0.15mm)



TOLERANCE	APPROVALS	DATE	TITLE		PART No.	
X. ±0.30	DRAWN Arvin Ye	02/22/2019	RJ45 1X1 10/100 TYPE WITH FILTER		Amphenol®	
X.XX ±0.25					Amphenol Corporation	
X.XXX ±0.15	CHECKED Vivian Wen	02/22/2019			Amphenol Taiwan Corporation	
ANGULAR ±1°	APPROVED Lawrence Chan	02/22/2019			RJMG1S8008101XR	
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE -			UNIT mm	SIZE A3
					SCALE NA	SHEET 1 OF 2
					DWG No.	REV.
					RJMG1S8008101XR	AX2

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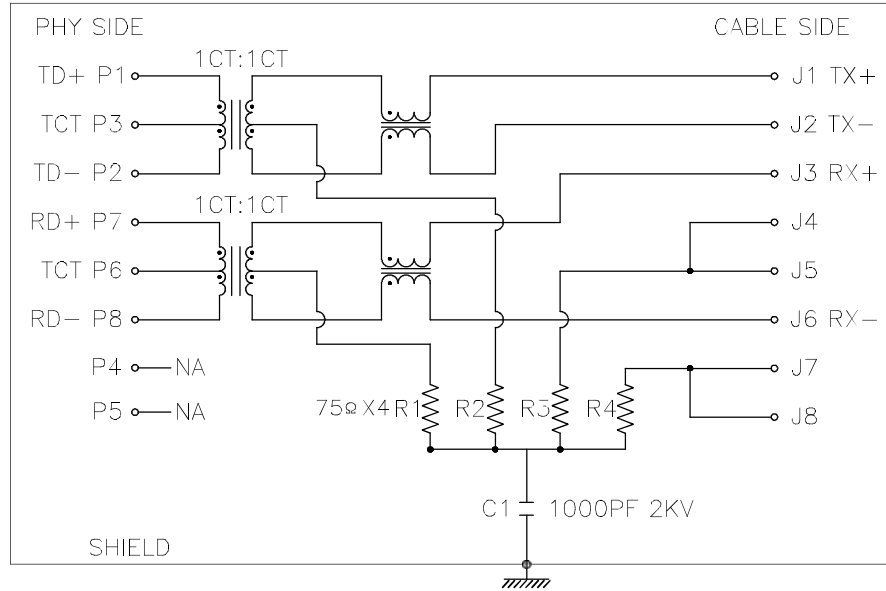
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CUSTOMER DRAWING

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SCHEMATIC DRAWING



MATERIALS:

1.Terminal Parts:

- 1.1.RJ Terminal :Phosphor Bronze,C5191,Thickness=0.30mm
Finish:gold plating(SEE P/N) on contact area,100u" min. tin on solder tail area,underplating 30u" MIN. Nickel over all.
- 1.2.RJ input Terminal :Brass,Thickness=0.35mm
Finish:100u" min. tin over 30u" MIN. Nickel.
- 1.3.Module Terminal :Brass,Thickness=0.25mm
Finish:100u" min. tin over 30u" MIN. Nickel.

2.Plastic Parts:

- 2.1.Housing : HIGH TEMPERATURE PLASTIC
Flame Class:UL94 V-0
- 2.2.Coil Case : HIGH TEMPERATURE PLASTIC
Flame Class:UL94 V-0

3.Shell Parts:

- 3.1.Shield : Stainless steel,SUS304,Thickness=0.20mm,
30u" MIN. Ni PLATED OVERALL

OTHERS:

- 1.Operating Temperature : -40°C TO +85°C
- 2.Storage Temperature : -40°C TO +85°C
- 3.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS
PART 68 , SUBPART F
- 4. TEMPERATURE CONDITION OF IR
REFLOW:260±3°C, 10S MAX.



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)	-16dB MIN. -12dB MIN. -10dB MIN.	1-30 MHz 30-60 MHz 60-80 MHz
CROSSTALK ISOLATION (RX/TX)	-30dB MIN.	1-100 MHz
HIPOT (ISOLATION)	2250V DC	60 Sec.
OCL	350uH MIN.	100KHz 100mV 8mA
TURN RATIO	1:1±5%	

PART NO. RJMG1S8 0 0 8101 X R

Plating and Packaging:

- B: gold 6u", tray
- C: gold flash, tray
- D: gold 15u", tray
- E: gold 30u", tray
- F: gold 50u", tray

TOLERANCE	APPROVALS	DATE	TITLE		PART No.	
X. X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED	DRAWN	Arvin Ye	RJ45 1X1 10/100		Amphenol®	
	CHECKED	Vivian Wen	TYPE WITH FILTER		Amphenol Corporation Amphenol Taiwan Corporation	
	APPROVED	Lawrence Chan	02/22/2019	UNIT mm	SIZE A3	PART No. RJMG1S8008101XR
	DWG TYPE	CUST DWG	PROJECT CODE	SCALE NA	SHEET 2 OF 2	DWG No. RJMG1S8008101XR REV. AX2

