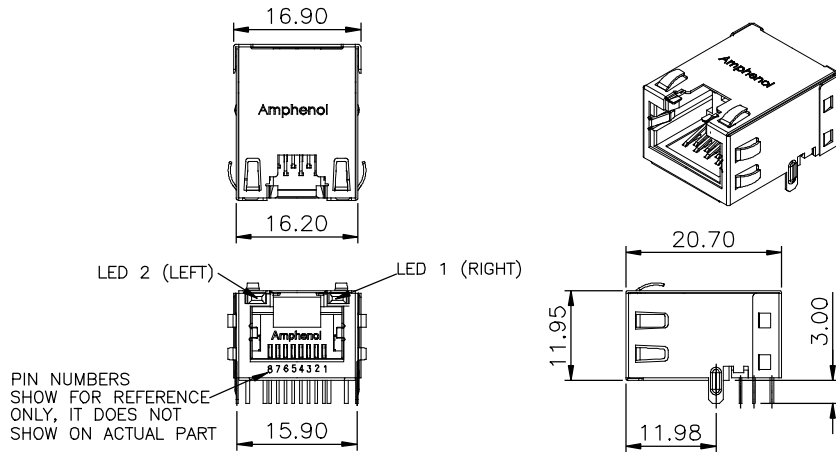




NOTES:

ELECTRICAL:

1. VOLTAGE RATING : 125 VAC.
2. CURRENT RATING : 1.25 AMP.
3. INSULATING RESISTANCE : 500 MEGOHMS MINIMUM.
4. DIELECTRIC STRENGTH : 1000 VAC 60Hz, 1MIN.
5. CATEGORY 6 CHARACTERISTIC:

Frequency Near-End Crosstalk Return Loss Attenuation

MHz	dB, MIN.	dB, MIN.	dB, MAX.
1.0	75.0	30.0	0.1
4.0	75.0	30.0	0.1
8.0	75.0	30.0	0.1
10.0	74.0	30.0	0.1
16.0	69.9	30.0	0.1
20.0	68.0	30.0	0.1
25.0	66.0	30.0	0.1
31.25	64.1	30.0	0.11
62.5	58.1	28.1	0.16
100.0	54.0	24.0	0.20
200.0	48.0	18.0	0.28
250.0	46.0	16.0	0.32

MECHANICAL:

1. SHIELD : STAINLESS STEEL, WITH TIN-DIP ON SOLDER TABS.
2. HOUSING : HIGH TEMP THERMOPLASTIC, UL 94V-0.
3. INSERT : HIGH TEMP THERMOPLASTIC UL 94V-0.
4. PCB : FR-4.
5. CONTACT : PHOSPHOR BRONZE.
30u" SELECTIVE GOLD PLATING
FOR MATING SURFACE,
50u" NICKEL UNDERPLATE
100u" MATTE TIN PLATING ON CONTACT SOLDER TAIL.

ENVIRONMENTAL:

1. STORAGE : -40° TO +85°.
 2. OPERATION : -40° TO +85°.
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
RECOMMENDED SOLDER PROCESS: WAVE SOLDER, PEAK TEMPERATURE
260° FOR 10 SECOND.

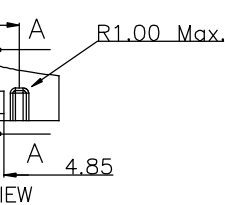
AMPHENOL PART NUMBER: RJE49-188-1XX1

GOLD PLATING OPTION

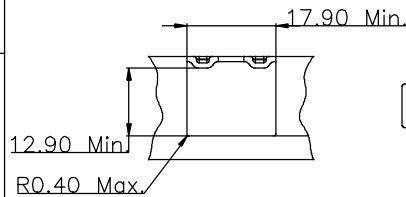
- 1=6u" [0.15 MICRONS] GOLD PLATING
2=15u" [0.38 MICRONS] GOLD PLATING
3=30u" [0.76 MICRONS] GOLD PLATING
4=50u" [1.27 MICRONS] GOLD PLATING
- REFER TO LED OPTIONS DRAWING
P-RJE49-LEDS FOR ORDERING
CODES

LED SPECIFICATIONS:

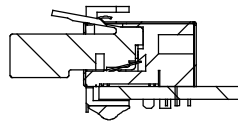
- FORWARD VOLTAGE: 2.2 VOLTS TYP
REVERSE VOLTAGE: 5.0 VOLTS
LUMINOUS INTENSITY: 4 mcd MIN. (AT IF =20mA)



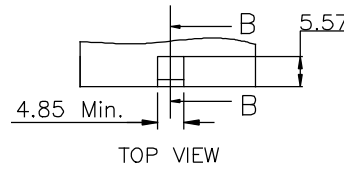
TOP VIEW



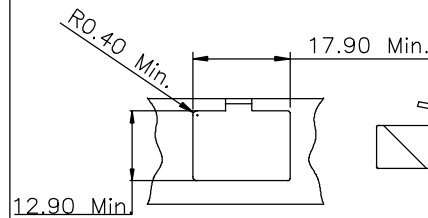
FRONT VIEW
RECOMMEND PANEL LAYOUT
OPTION 1



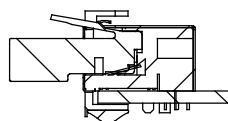
SECTION A-A
SIDE VIEW SHOWING
WITH PLUG



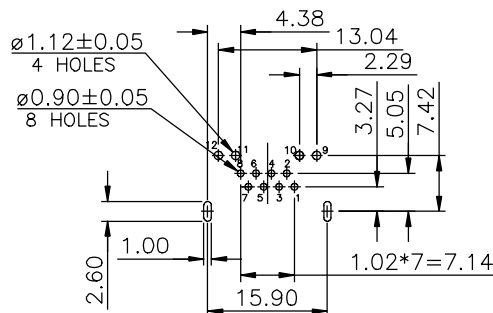
TOP VIEW



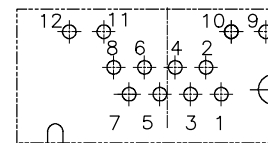
FRONT VIEW
RECOMMEND PANEL LAYOUT
OPTION 2



SECTION A-A
SIDE VIEW SHOWING
WITH PLUG

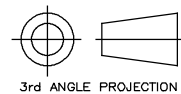


RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05mm.



LED SCHEMATIC, DETAIL G, SCALE 2:1

UNLESS OTHERWISE SPECIFIED			
DIMENSION ARE IN mm			
FRACTION DECIMALS ANGLES			
.X	±0.50	.X'	±3.0°
.XX	±0.30	.X'	±2.0°
.XXX	±0.10	.XX'	±1.0°



3rd ANGLE PROJECTION

DRAWN	JUSTIN.FENG	DATE	FEB28/2015
DESIGNED	JUSTIN.FENG		
CHECKED	L.CHAN		
I. E. APPRD.			
Q. A. APPRD.			
DWG. APPRD.			
ENG. REL. NO.			
REF.			
DIMENSIONS ARE IN	CODE ID. NO.		
mm	03554		

Amphenol Canada Corp.			
TITLE			
MODULAR JACK, SINGLE PORTS, 8 POSITIONS, 8 CONTACTS, SHIELDED WITH TOP & SIDE TABS, WITH LED, TAB UP, CAT6-RoHS COMPLIANT			
DWG	DRAWING NO.	REV.	
C	P-RJE49-188-1XX1	A	
SCALE	4/1	WT.	-----
SURF.	-----	SHEET	1 OF 1

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION
MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING
PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.