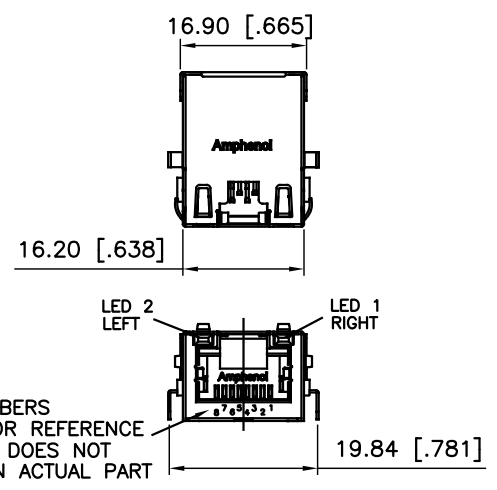
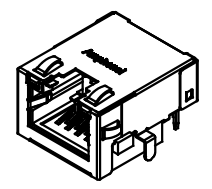
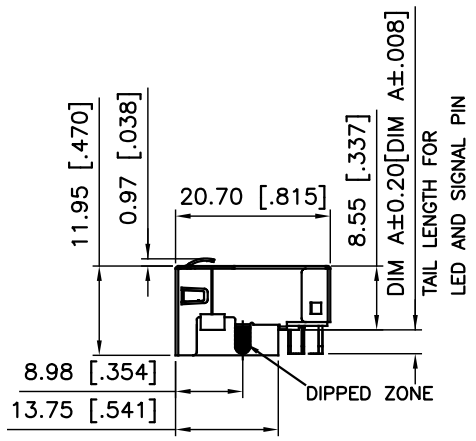


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
E	UPDATE RECOMMENDED PCB LAYOUT	JUN25,2015	L.CHAN
F	ADD PAGE 2 FOR LED OPTIONS	DEC.19,19	L.CHAN

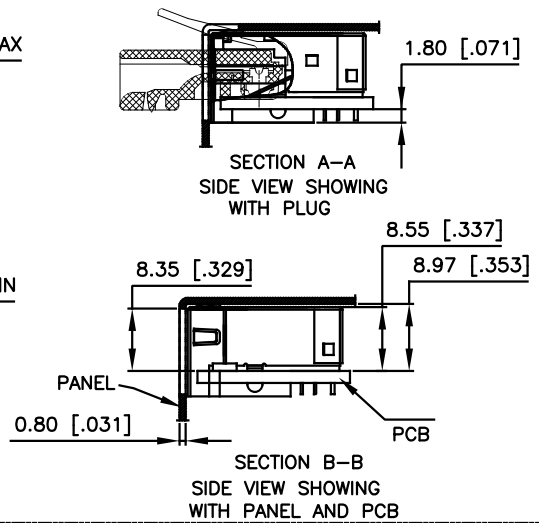
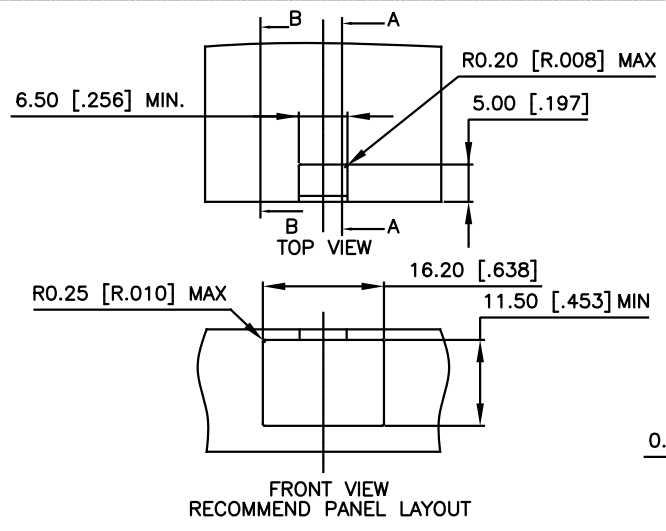


PIN NUMBERS SHOW FOR REFERENCE ONLY, IT DOES NOT SHOW ON ACTUAL PART



- 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 5e CHARACTERISTIC:

Frequency MHz	Near-End Crosstalk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0	65	30	0.1
4.0	65	30	0.1
8.0	64.9	30	0.1
10.0	63	30	0.1
16.0	58.9	30	0.2
20.0	57	30	0.2
25.0	55	30	0.2
31.25	53.1	30	0.2
62.5	47.1	24.1	0.3
100.0	43	20	0.4



- 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.
 SELECTIVE GOLD PLATING FOR MATING SURFACE, SEE AMPHENOL PART NUMBER FOR DETAIL.
 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 TIA 1096.
 RECOMMENDED SOLDER PROCESS: WAVE SOLDER, PEAK TEMPERATURE 260° FOR 5 SECOND MAXIMUM.

AMPHENOL PART NUMBER: RJE72-188-1XXX
 GOLD PLATING OPTION _____ DIM A OPTIONS (SEE BELOW TABLE 1)
 LED OPTIONS ON NEXT PAGE
 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

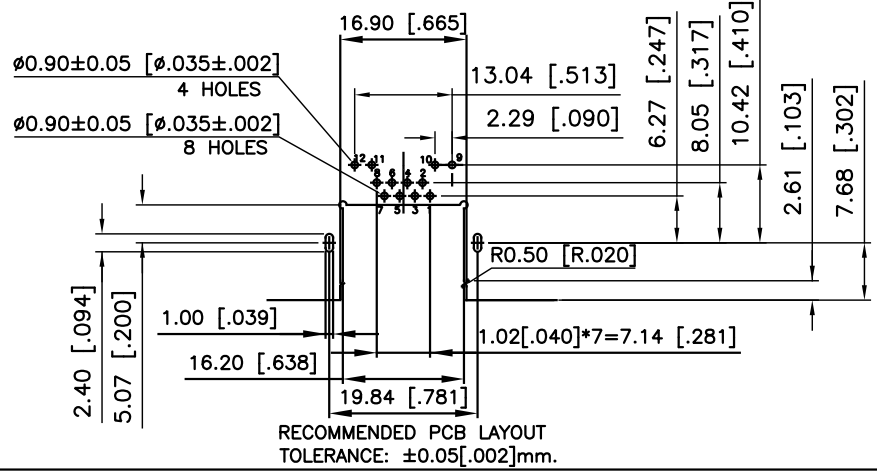


TABLE 1

RJE721881XX1	3.18 [0.125]	2.36 [0.093]
RJE721881XX2	2.27 [0.089]	1.57 [0.062]
RJE721881XX3	2.16 [0.085]	1.57 [0.062]
AMPHENOL P/N:	DIM A	RECOMMEND PCB THICKNESS

UNLESS SPECIFIED OTHERWISE	DRAWN HUGH WANG FEB 22 2012
PRIMARY UNITS MILLIMETERS	CHECKED L.CHAN FEB 22 2012
SECONDARY INCHES	M.E. APP'D
REFERENCE IN PARENTHESES	Q.A. APP'D
GENERAL TOLERANCES FOR MM	DWG APP'D ADRIAN.G FEB 22 2012
1 DECIMAL PLACE ±0.50	ENG. REL. NO.
2 DECIMAL PLACE ±0.30	REF.
3 DECIMAL PLACE ±0.10	
ANGULAR DEGREES ±3°	
THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING

Amphenol Canada Corp.
 Commercial Products

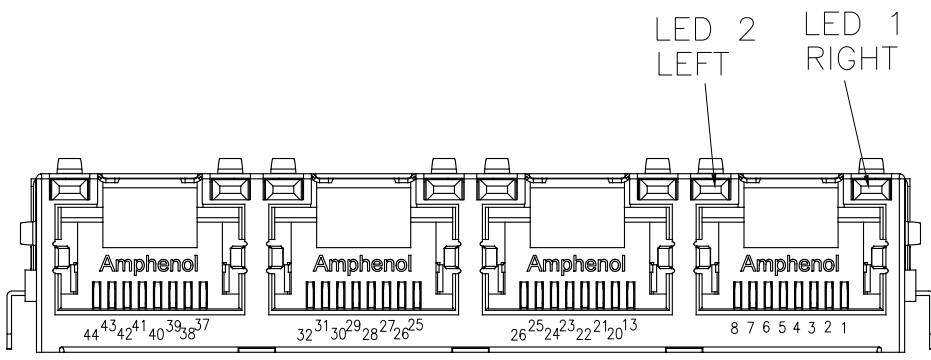
MODULAR JACK, SINGLE PORT, 8 POSITIONS, 8 CONTACTS, SHIELDED WITH TOP & SIDE TABS, WITH LED, SINK PCB TYPE, TAB UP, CAT5e

DWG NO. P-RJE72-188-1XXX REV F

CODE ID NO. 03554 DWG SIZE: C SCALE: N/A SHEET 1 OF 2

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REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
E	UPDATE RECOMMENDED PCB LAYOUT	JUN25,2015	L.CHAN
F	ADD PAGE 2 FOR LED OPTIONS	DEC.19,19	L.CHAN



TYPICAL FOR SINGLE & MULTI-PORT



EXAMPLE:

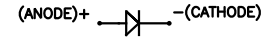
PART NUMBER RJE72-X88-1XXX

↑
LED COLOR CODE

CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)
0	BLOCKED	BLOCKED	9	GREEN	BLOCKED	J	BiC RD/GR	YELLOW
1	YELLOW	GREEN	A	BiC GR/YE	BiC GR/YE	K	YELLOW	BiC GR/OR
2	BLOCKED	GREEN	B	BiC RD/GR	BiC RD/GR	L	BiC GR/YE	RED
3	YELLOW	BLOCKED	C	BiC RD/GR	BiC GR/YE	M	RED	YELLOW
4	GREEN	YELLOW	D	GREEN	BiC GR/YE	P	GREEN	BiC RD/GR
5	GREEN	GREEN	E	YELLOW	BiC GR/YE	R	BiC GR/OR	GREEN
6	YELLOW	YELLOW	F	BiC GR/YE	YELLOW	T	RED	RED
7	RED	GREEN	G	BiC GR/OR	BiC GR/OR	V	BiC RD/GR	GREEN
8	GREEN	RED	H	BiC GR/YE	GREEN			

LED SCHEMATIC

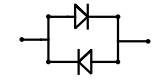
SINGLE COLOUR LED



12(+) 11(-)
10(+) 9 (-)

BI-COLOUR LED

GREEN



E.G. BiC GR/YE

YELLOW

12(+) 11(-)
10(+) 9 (-)

LED SPECIFICATIONS:

FORWARD VOLTAGE: 1.9 VOLTS MAX. @2mA
(FOR SINGLE COLOUR LED)
2.6 VOLTS MAX. @2mA
(FOR BI-COLOUR LED)

REVERSE VOLTAGE: 5.0 VOLTS MIN.
LUMINOUS INTENSITY: 0.4 mCd MIN.
(AT If=2mA)

STORAGE TEMPERATURE: -40° TO 85° C
PLATING ON TAILS: TIN OR TIN/COPPER ALLOY OVER SILVER

PRIMARY COLOR FOR BI-COLOR
LEDS IN STANDARD ANODE/
CATHODE CONFIGURATION IS:
RED-GREEN= RED
RED-YELLOW= RED
GREEN-YELLOW= GREEN
GREEN-ORANGE= GREEN

LEGEND

BiC=BI-COLOR LED
LOWC=LOW CURRENT LED
YE=YELLOW
GR=GREEN
RD=RED
OR=ORANGE

UNLESS SPECIFIED OTHERWISE	DRAWN	HUGH WANG	FEB 22,2012
PRIMARY UNITS MILLIMETERS	CHECKED	L.CHAN	FEB 22,2012
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D	ADRIAN.G	FEB 22,2012
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2 DECIMAL PLACE ±0.30	REF.		
3 DECIMAL PLACE ±0.10	THIRD ANGLE PROJECTION		
ANGULAR DEGREES ±3'	DO NOT SCALE DRAWING		

Amphenol Canada Corp.
Commercial Products

MODULAR JACK, SINGLE PORT, 8 POSITIONS, 8 CONTACTS, SHIELDED WITH TOP & SIDE TABS, WITH LED, SINK PCB TYPE, TAB UP, CAT5e

DWG NO. P-RJE72-188-1XXX

CODE ID NO. 03554 | DWG SIZE: C | SCALE: N/A | SHEET 2 OF 2