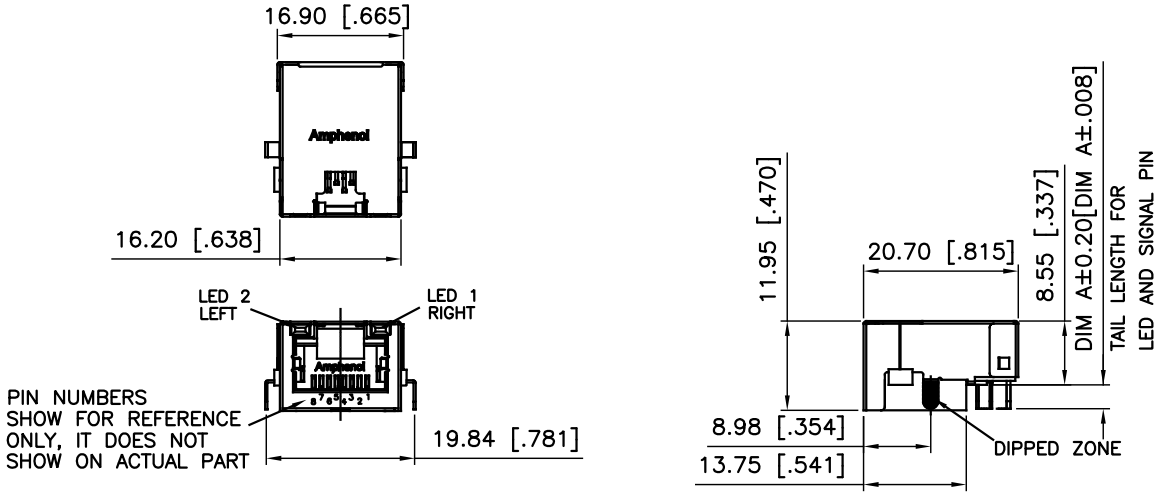
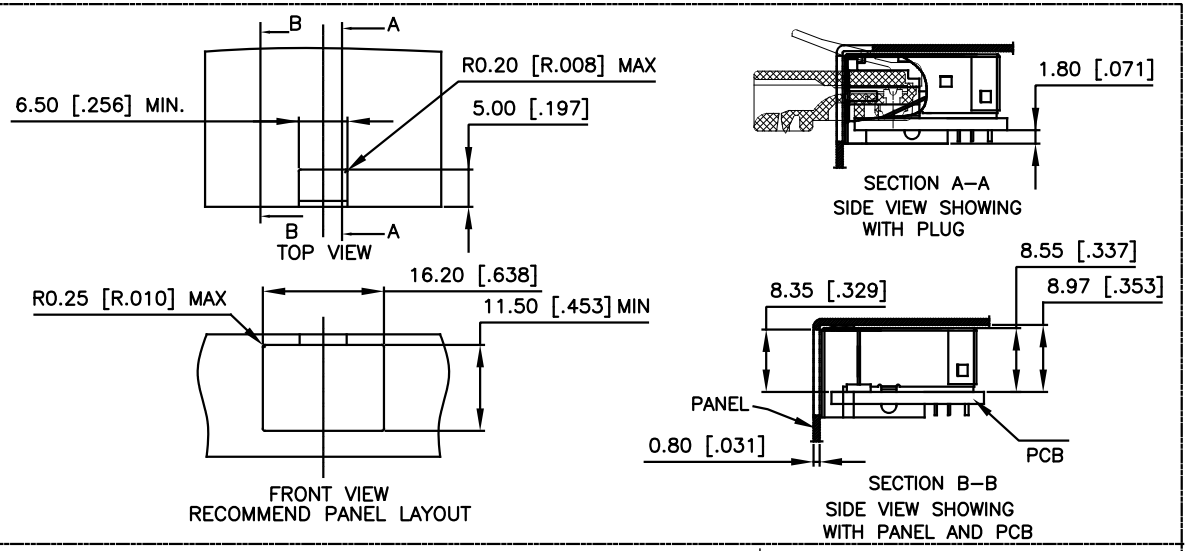
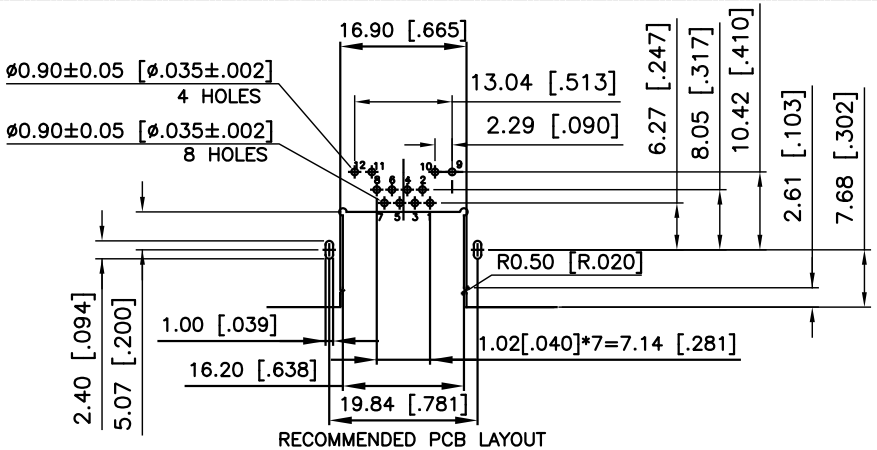
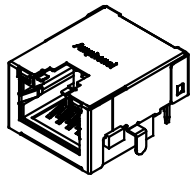
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	NEW PROPOSAL DRAWING	OCT.8,2018	L.CHAN
B	ADD PAGE 2 FOR LED OPTIONS	DEC.19,19	L.CHAN









NOTES:

ELECTRICAL:
1. VOLTAGE RATING : 125 VAC.
2. CURRENT RATING : 1.25 AMP.
3. INSULATING RESISTANCE : 500 MEGOHMS MINIMUN.
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: RJE72–188–6XXX
- 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

AMPHENOL P/N:	DIM A	RECOMMEND PCB THICKNESS
RJE721886XX1	3.18[.125]	2.36[.093]
RJE721886XX2	2.27[.089]	1.57[.062]
RJE721886XX3	2.16[.085]	1.57[.062]

UNLESS SPECIFIED OTHERWISE	DRAWN	KELVIN	OCT.8,2018
PRIMARY UNITS MILLIMETERS	CHECKED	L.CHAN	OCT.8,2018
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D	ADRIAN.G	OCT.8,2018
1 DECIMAL PLACE ±0.50	ENG. REL. NO.		
2 DECIMAL PLACE ±0.30	REF.		
3 DECIMAL PLACE ±0.10	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING
ANGULAR DEGREES ±3°			

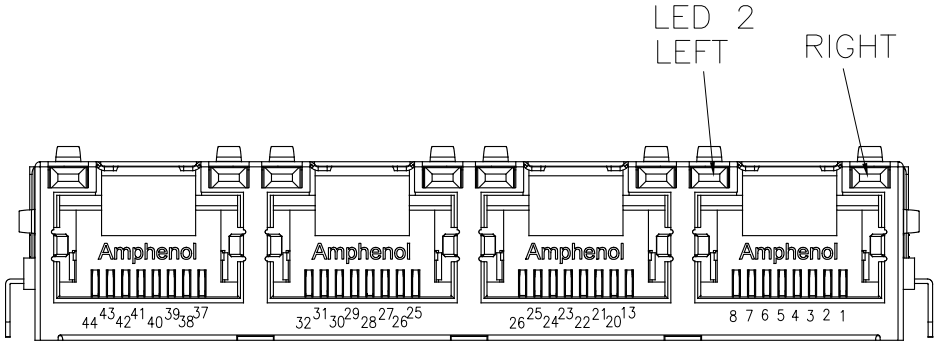
Amphenol Canada Corp.
Commercial Products

MODULAR JACK, SINGLE PORT, 8 POSITIONS, 8 CONTACTS, SHIELDED WITHOUT TOP & SIDE TABS, WITH LED, SINK PCB TYPE, TAB UP, CAT5e

DWG NO. P–RJE72–188–6XXX REV B

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

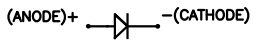
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	NEW PROPOSAL DRAWING	OCT.8,2018	L.CHAN
B	ADD PAGE 2 FOR LED OPTIONS	DEC.19,19	L.CHAN



TYPICAL FOR SINGLE & MULTI-PORT

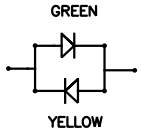
LED SCHEMATIC

SINGLE COLOUR LED



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

BI-COLOUR LED



E.G. BIC GR/YE

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

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 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

UNLESS SPECIFIED OTHERWISE	DRAWN KELVIN	OCT.8,2018	Amphenol Canada Corp. Commercial Products
PRIMARY UNITS MILLIMETERS	CHECKED L.CHAN	OCT.8,2018	
SECONDARY INCHES	M.E. APP'D		MODULAR JACK, SINGLE PORT, 8 POSITIONS, 8 CONTACTS, SHIELDED WITHOUT TOP & SIDE TABS, WITH LED, SINK PCB TYPE, TAB UP, CAT5e
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D ADRIAN.G	OCT.8,2018	DWG NO. P-RJE72-188-6XXX REV B
1 DECIMAL PLACE ±0.50	ENG. REL. NO.		
2 DECIMAL PLACE ±0.30	REF.		
3 DECIMAL PLACE ±0.10	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 | DWG SIZE: C | SCALE: N/A | SHEET 2 OF 2
ANGULAR DEGREES ±3'			