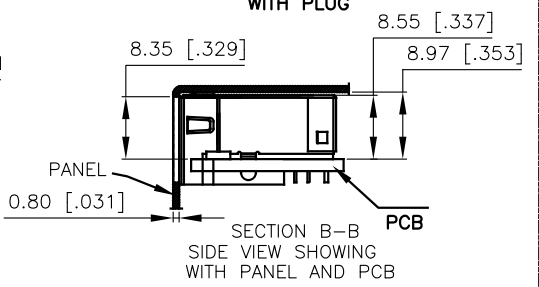
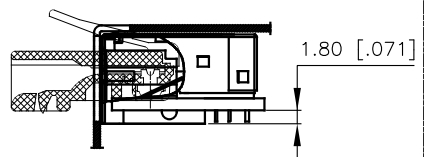
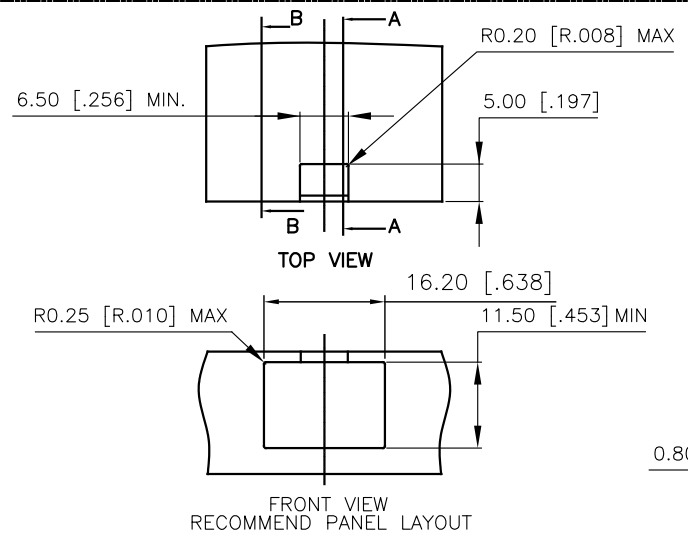


- NOTES:**
ELECTRICAL:
 1. VOLTAGE RATING: 125 VAC.
 2. CURRENT RATING: 1.25 AMPS PER CONTACT.
 3. INSULATING RESISTANCE: 500 MEGOHMS MINIMUM.
 4. DIELECTRIC STRENGTH: 1000 VAC 60Hz, 1MIN.
 5. CATEGORY 6A CHARACTERISTIC:

Frequency MHz	Near-End Crosstalk dB, MIN.	Return Loss dB, MIN.	Insertion loss 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	30.0	0.16
100.0	54.0	28.0	0.20
200.0	48.0	22.0	0.28
250.0	46.0	20.0	0.32
300.0	42.9	18.5	0.35
400.0	37.9	16.0	0.40
500.0	34.0	14.0	0.45



- 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.

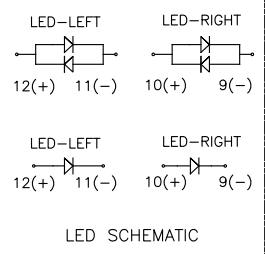
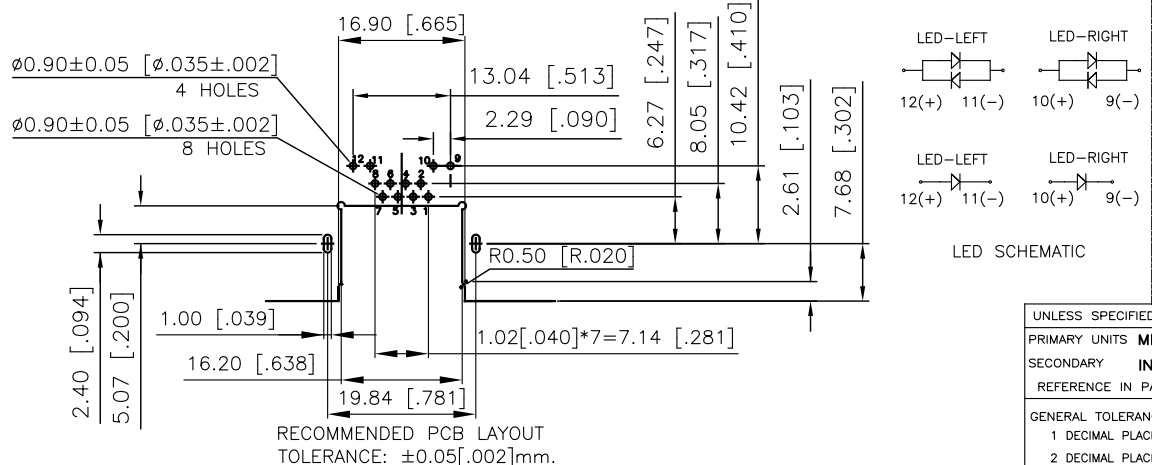
- ENVIRONMENTAL:**
 1. STORAGE: -40° TO +85°.
 2. OPERATION: -55° TO +85°.
 MATES WITH MODULAR PLUG CONFORMING TO TIA 1096.
 RECOMMENDED SOLDER PROCESS: WAVE SOLDER, PEAK TEMPERATURE 260° FOR 5 SECOND MAXIMUM.

AMPHENOL PART NUMBER: RJE7B-18X-1XXX

- HOUSING COLOR OPTION:**
 1=YELLOW, PANTONE 114C
 2=ORANGE, PANTONE 1505C
 8=BLACK
- OPTIONS (SEE BELOW TABLE 1)**
 REFER TO LED OPTIONS DRAWING FOR ORDERING CODES
- 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

TABLE 1

Part Number	Dimension	Value
RJE7B-18X-1XX1	3.18[.125]	2.36[.093]
RJE7B-18X-1XX2	2.27[.089]	1.57[.062]
AMPHENOL P/N:	DIM A	RECOMMEND PCB THICKNESS



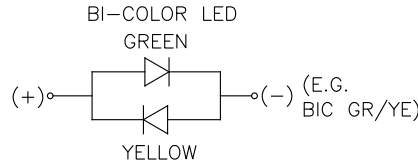
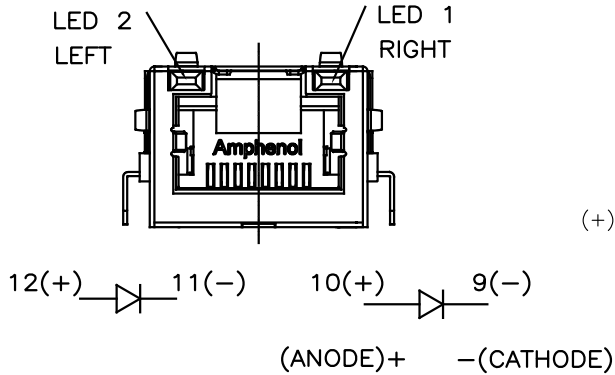
UNLESS SPECIFIED OTHERWISE	DRAWN	JAMISON C	NOV13/20
PRIMARY UNITS MILLIMETERS	CHECKED	L.CHAN	NOV13/20
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D		
1 DECIMAL PLACE ±0.50	ENG. REL. NO.		
2 DECIMAL PLACE ±0.30	REF.		
3 DECIMAL PLACE ±0.10			
ANGULAR 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, CAT6A	
DWG NO.	P-RJE7B-18X-1XXX
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
A	PROPOSAL DRAWING	NOV13/20	K.TANG

RJE7B SERIES LED OPTIONS
TYPICAL FOR SINGLE PORT



LED SPECIFICATIONS:

FORWARD VOLTAGE: 2.1 VOLTS TYP.
REVERSE VOLTAGE: 5.0 VOLTS MAX.
LUMINOUS INTENSITY: 0.5 mCd MIN.
(AT If=2mA)
STORAGE TEMPERATURE: -40° TO 85° C
LEAD SOLDERING TEMPERATURE: 260° C
(5 SEC, 1/16" FROM CASE)
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

EXAMPLE:

PART NUMBER RJE7B-18X-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			

LEGEND

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

NOTE:

THE TWO DIGITS PRECEDING THE
ADDITIONAL LED CODE MUST BE
USED IN THE PART NUMBER, WHEN
ORDERING ANY OF THE ADDITIONAL
LED OPTIONS.

UNLESS SPECIFIED OTHERWISE	DRAWN	JAMISON C	NOV13/20
PRIMARY UNITS MILLIMETERS	CHECKED	L.CHAN	NOV13/20
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D		
1 DECIMAL PLACE ±0.50	ENG. REL. NO.		
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, CAT6A

DWG NO. P-RJE7B-18X-1XXX REV A

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