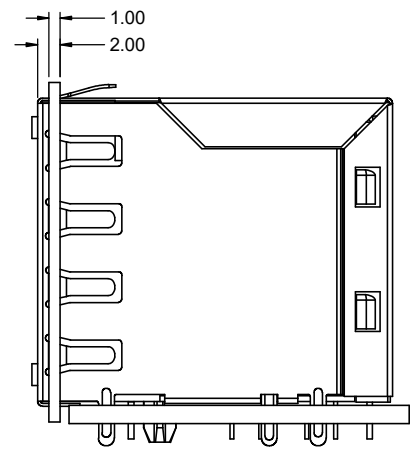
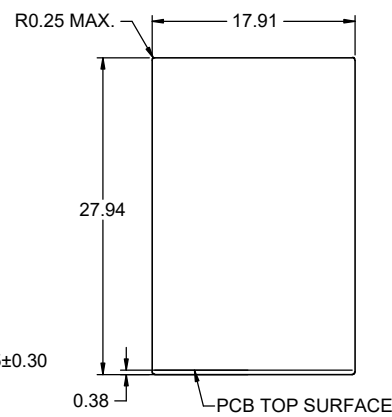
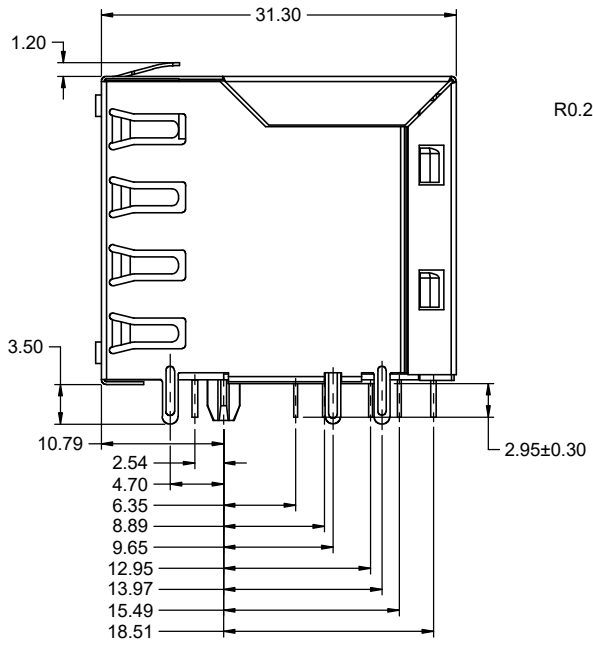
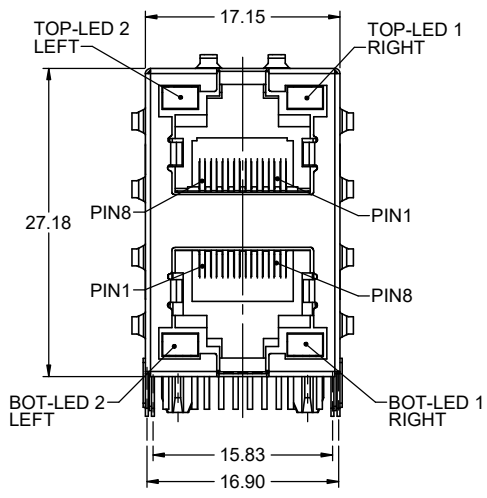
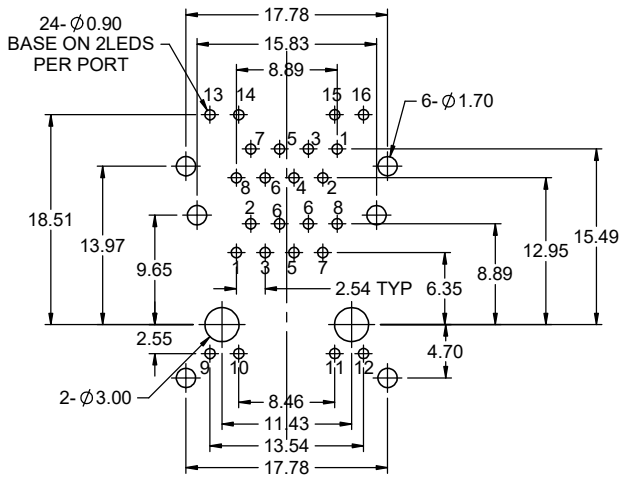
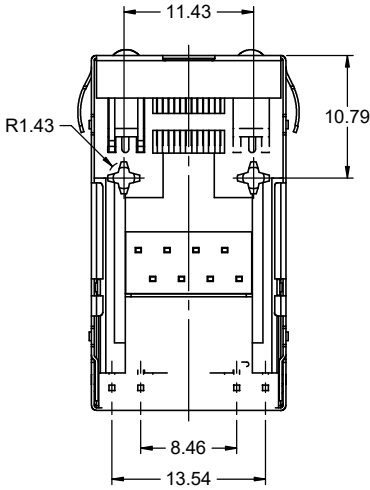


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	JAN07/23	K.TANG



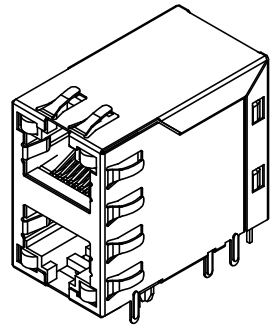
RECOMMEND PANEL CUTOUT



RECOMMEND P.C.B LAYOUT  
TOP VIEW (COMPONENT SIDE)  
THICK=1.6MM TOL.±0.05

**NOTES**

- MATERIALS:**  
PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC, PA46, FLAMMABILITY RATING UL 94V-0, COLOR: BLACK  
INSERT: PBT, FLAMMABILITY RATING UL 94V-0, COLOR: BLACK  
**CONTACTS:** PHOSPHOR BRONZE  
PLATING: 30µ" [0.76 MICRONS]  
MIN. GOLD ON MATING SURFACES.  
50µ" [1.27 MICRONS]  
MIN. NICKEL UNDERPLATE  
80µ" [2.03 MICRONS]  
MIN. MATTE TIN ON CONTACT TAILS.  
**SHIELD:** COPPER ALLOY WITH NICKEL PLATED.
  - RECOMMENDED SOLDERING TEMPERATURE:**  
WAVE SOLDERING TEMPERATURE AT 260°C MAXIMUM  
FOR 5-8 SEC MAXIMUM.
  - TRAY PACKAGING:** 50PCS/TRAY, 600PCS/CARTON  
**AMPHENOL PART NUMBER:** RJE30-288-1XFX
- GOLD PLATING  
1=RJ45 FLAT CONTACT 6µ"  
2=RJ45 FLAT CONTACT 15µ"  
3=RJ45 FLAT CONTACT 30µ"  
4=RJ45 FLAT CONTACT 50µ"
- SEE PAGE 2 FOR LED ORDER INFORMATION



UNLESS SPECIFIED OTHERWISE	DRAWN	W.QIU	JAN07/23
PRIMARY UNITS MILLIMETERS	CHECKED	K.TANG	JAN07/23
SECONDARY	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE ±0.50	ENG. REL. NO.		
2 DECIMAL PLACES ±0.38	REF.		
3 DECIMAL PLACES ±0.25	THIRD ANGLE PROJECTION		
ANGULAR DEGREES ±1.0°	DO NOT SCALE DRAWING		

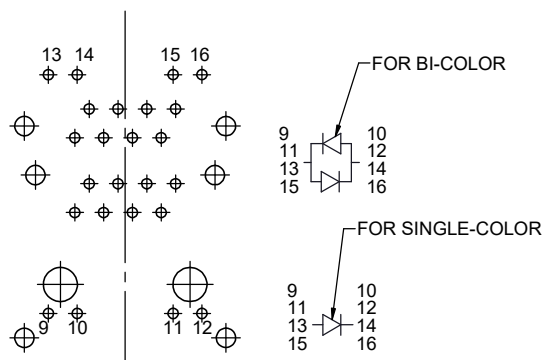
**Amphenol Canada Corp.**  
Commercial Products

STACKABLE MODULAR JACK, 2X1 PORT, 8P8C, SHIELD, WITH LED OPTIONS - RoHS COMPLIANT

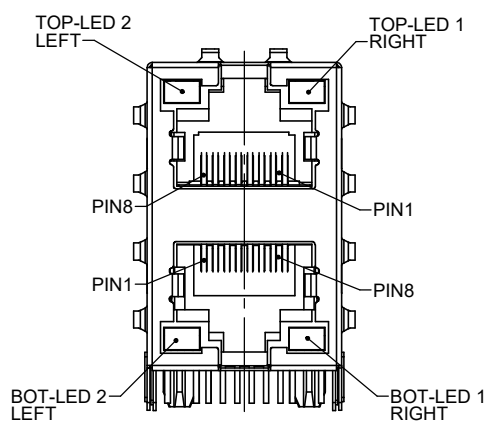
DWG. NO. **P-RJE30-288-1XFX** REV **A**

CODE ID NO. 03554 DWG SIZE: X SCALE: 3:1 SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	JAN07/23	K.TANG



LED SCHEMATIC



TYPICAL FOR SINGLE & MULTI-PORT

SINGLE COLOR LED	(ANODE)+  -(CATHODE)
BI-COLOR LED	(ANODE)+  -(CATHODE)

LED SPECIFICATIONS:  
 FORWARD VOLTAGE: 2.1 VOLTS TYP.  
 FORWARD VOLTAGE: 2.9 VOLTS FOR WHITE  
 FORWARD VOLTAGE: 3.1 VOLTS FOR BLUE  
 REVERSE VOLTAGE: 5.0 VOLTS MAX.  
 LUMINOUS INTENSITY:  
 18.6 mcd MIN. (AT If=20mA) TYP.  
 480 mcd MIN. (AT If=5mA) FOR WHITE  
 110 mcd MIN. (AT If=20mA) FOR BLUE

OPERATING TEMPERATURE: -55° 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 RJE30-288-1XFX

LED COLOR CODE, TOP & BOTTOM LED USE SAME CODE

CODE	LED2 (LEFT)	LED1 (RIGHT)	CODE	LED2 (LEFT)	LED1 (RIGHT)	CODE	LED2 (LEFT)	LED1 (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	N	BIC GR/RD	BIC GR/YE
5	GREEN	GREEN	E	YELLOW	BIC GR/YE	P	GREEN	BIC RD/GR
6	YELLOW	YELLOW	F	BIC GR/YE	YELLOW	R	BIC GR/OR	GREEN
7	RED	GREEN	G	BIC GR/OR	BIC GR/OR	T	RED	RED
8	GREEN	RED	H	BIC GR/YE	GREEN	V	BIC RD/GR	GREEN
						W	ADDITIONAL OPTION	

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	W.QIU	JAN07/23
PRIMARY UNITS MILLIMETERS	CHECKED	K.TANG	JAN07/23
SECONDARY REFERENCE IN PARENTHESES	M.E. APP'D		
	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE ±0.50	ENG. REL. NO.		
2 DECIMAL PLACES ±0.38	REF.		
3 DECIMAL PLACES ±0.25	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING
ANGULAR DEGREES ±1.0°			

**Amphenol Canada Corp.**  
 Commercial Products

STACKABLE MODULAR JACK, 2X1 PORT, 8P8C, SHIELD, WITH LED OPTIONS - RoHS COMPLIANT

DWG. NO. **P-RJE30-288-1XFX** REV **A**

CODE ID NO. 03554 DWG SIZE: X SCALE: 4:1 SHEET 2 OF 2