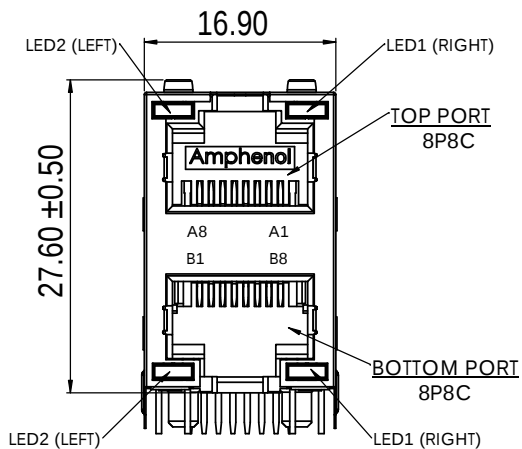
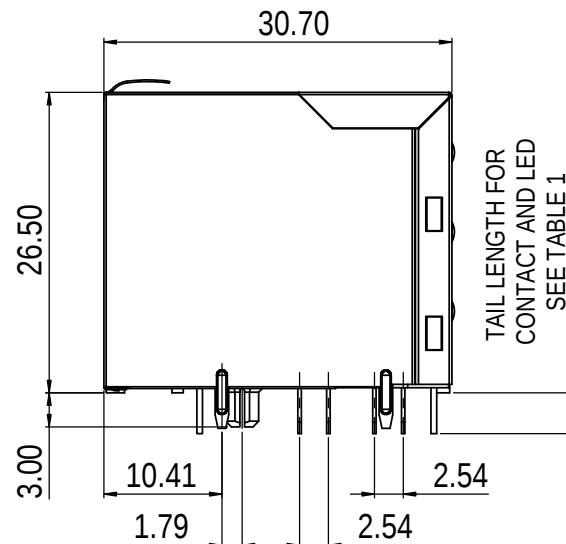
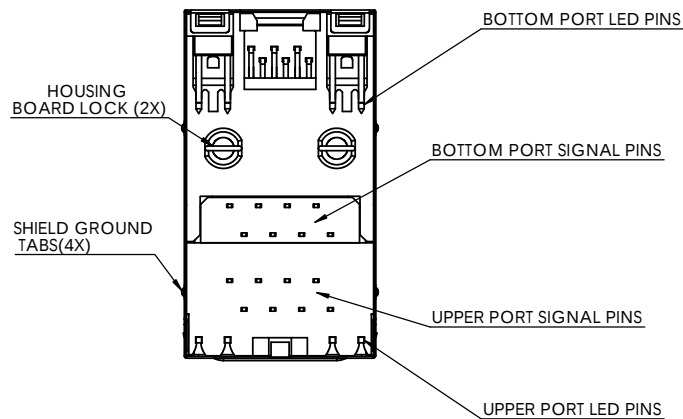




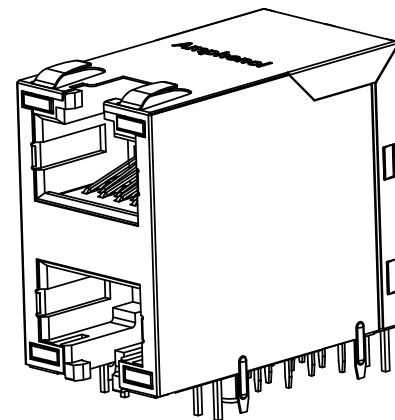
FRONT VIEW



SIDE VIEW



BACK VIEW



ISOMETRIC VIEW

NO LED PINS FOR PN# RJE1R-288-XX3X0X



NOTES:

MATERIALS:

- CONTACTS: PHOSPHOR BRONZE, SELECTIVE GOLD PLATING FOR MATING AREAS(TABLE 1), 50u" MIN. NICKEL OVERALL, 50u" MIN. TIN FINISH ON TAILS.
- HOUSING: HIGH TEMPERATURE ENGINEERING THERMOPLASTIC. COLOR: BLACK, FLAMMABILITY RATING UL 94V-0.
- SHIELD: STAINLESS STEEL, TIN FINISH GROUND TABS.
- PCB: FR-4.
- LED: HIGH TEMPERATURE REFLOW.

ELECTRICAL:

- VOLTAGE RATING: 125 VAC.
- CURRENT RATING: 1.25 AMP PER CONTACT.
- INSULATING RESISTANCE: 500 MEGOHMS MINIMUM.
- DIELECTRIC STRENGTH:
 - CONTACT TO LED: 1,500 VAC, 60Hz, 1 MIN
 - CONTACT TO SHIELD: 1,500 VAC, 60Hz, 1 MIN
 - LED TO SHIELD: 1,000 VAC, 60Hz, 1 MIN

ENVIRONMENTAL:

- STORAGE: -40° TO +85°.
- OPERATION: -40° TO +85°.
- MATES WITH MODULAR PLUG CONFORMING TO TIA 1096.
- RECOMMENDED SOLDER PROCESS: IR REFLOW, PEAK SOLDERING TEMPERATURE 255°C TO 265°C (5-8 SECONDS)

LED SPECIFICATIONS:

- FORWARD VOLTAGE: 2.6 VOLTS MAXIMUM @20mA.
- REVERSE VOLTAGE: 5.0 VOLTS MAXIMUM.
- LUMINOUS INTENSITY: 2 mCd MIN. @20mA
- WAVELENGTH(λ): YELLOW-585nm, GREEN-570nm, RED-625.
- PLATING ON TAILS: TIN OR TIN/COPPER ALLOY .

AMPHENOL PART NUMBER: RJE1R288XX3XXX, DETAILS AS PAGE 4.

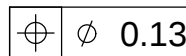
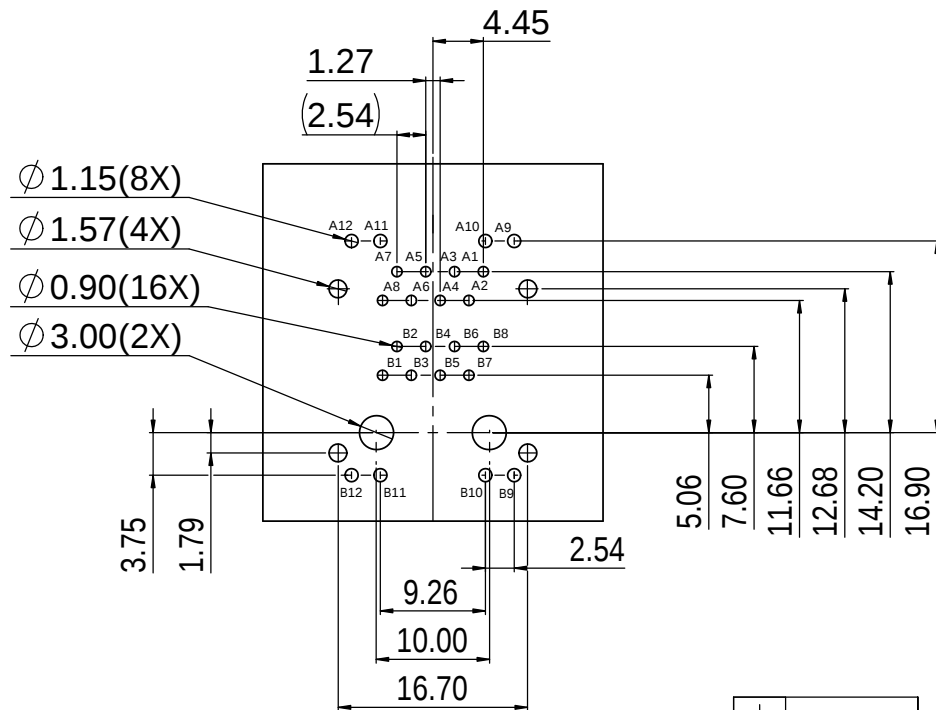
REVISONS			
REV	DESCRIPTION, ECU, ECU NO.	DATE	APP'D
B	CORRECT BOTTOM LED DIM. IN PCB LAYOUT	JUL.3,2019	A.G
C	FIX THE RECOMMENDED PCB	JUL.10,2019	A.G
D	UPDATE NOTES	NOV.11,2019	A.G
E	UPDATE NOTES	NOV.25,2019	A.G

UNLESS SPECIFIED OTHERWISE		DRAWN	KELVIN T	NOV.6,18
PRIMARY UNITS	MILLIMETERS	CHECKED		
REFERENCE IN PARENTHESES		M.E. APP'D		
GENERAL TOLERANCES		Q.A. APP'D		
1 DECIMAL PLACE	±0.38	DWG. APPR.	A.GREEN	NOV.6,18
2 DECIMAL PLACES	±0.25	ENG. REL. NO.		
3 DECIMAL PLACES		REF.		
ANGULAR DEGREES		THIRD ANGLE PROJECTION		
		DO NOT SCALE DRAWING		

Amphenol Canada Corp.			
Commercial Products			
STACKABLE MODULAR JACK, 2X1 PORTS, RJE1R SERIES, 8P8C, THROUGH HOLE, SHIELDED ONLY WITH TOP TABS, -RoHS COMPLIANT			
P-RJE1R-288-XX3XXX			REV E
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	1 OF 4

REVISONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	CORRECT BOTTOM LED DIM. IN PCB LAYOUT	JUL.3,2019	A.G
C	FIX THE RECOMMENDED PCB	JUL.10,2019	A.G
D	UPDATE NOTES	NOV.11,2019	A.G
E	UPDATE NOTES	NOV.25,2019	A.G

RECOMMENDED PCB WITH 8 CONTACTS

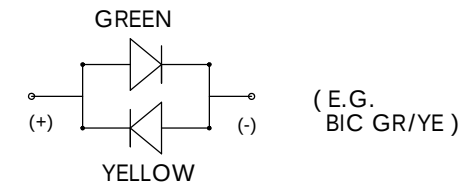


HOLES POSITION ARE BASIC

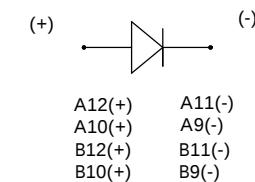
RECOMMENDED PCB LAYOUT TOLERANCE:
+/-0.05MM
RECOMMENDED CUSTOMER PCB THICKNESS:
3.30 MM

LED SCHEMATIC

BI-COLOUR LED



SINGLE COLOUR LED



PN# RJE1R-288-XX3X0X IS FOR NO LED AND THE CORRESPONDING PINS A9/A10/A11/A12, B9/B10/B11/B12 WOULD NOT EXISTED IN RECOMMENDED PCB LAYOUT.



UNLESS SPECIFIED OTHERWISE		DRAWN	KELVIN T	NOV.6,18	Amphenol Canada Corp. Commercial Products STACKABLE MODULAR JACK, 2X1 PORTS, RJE1R SERIES,8P8C,THROUGH HOLE, SHIELDED ONLY WITH TOP TABS, -RoHS COMPLIANT	
PRIMARY UNITS	MILLIMETERS	CHECKED				
REFERENCE IN PARENTHESES		M.E. APP'D				
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE	±0.38	DWG. APPR.	A.GREEN	NOV.6,18	DWG. NO. P-RJE1R-288-XX3XXX CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 2 OF 4	
2 DECIMAL PLACES	±0.25	ENG. REL. NO.				
3 DECIMAL PLACES		REF.				
ANGULAR DEGREES		THIRD ANGLE PROJECTION				

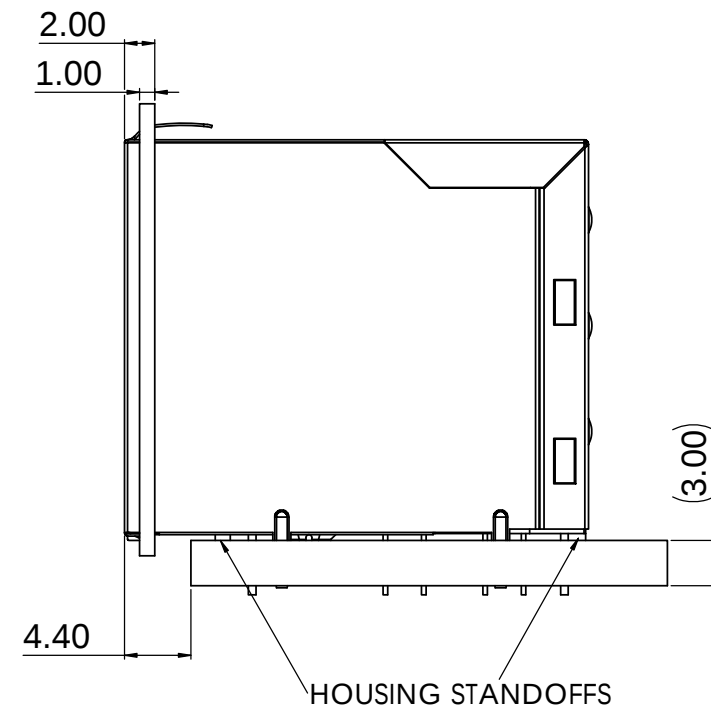
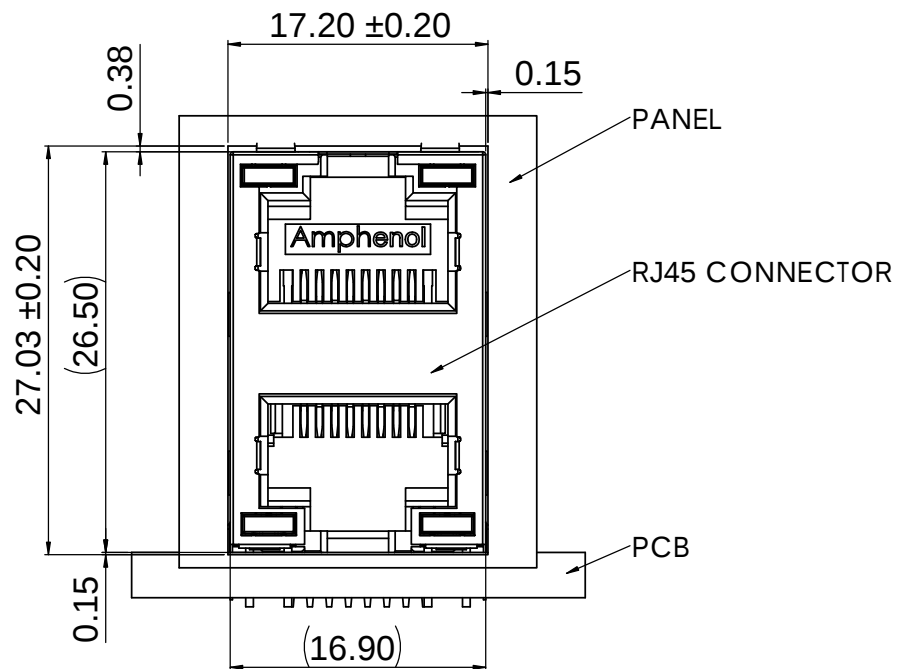


DO NOT
SCALE
DRAWING

REVISONS			
REV	DESCRIPTION, ECU, ECU NO.	DATE	APP'D
B	CORRECT BOTTOM LED DIM. IN PCB LAYOUT	JUL.3,2019	A.G
C	FIX THE RECOMMENDED PCB	JUL.10,2019	A.G
D	UPDATE NOTES	NOV.11,2019	A.G
E	UPDATE NOTES	NOV.25,2019	A.G

RECOMMENDED PCB AND PANEL LAYOUT

SCALE 4:1



UNLESS SPECIFIED OTHERWISE	DRAWN	KELVIN T	NOV.6,18
PRIMARY UNITS	MILLIMETERS	CHECKED	
REFERENCE IN PARENTHESES	M.E. APP'D		
GENERAL TOLERANCES	Q.A. APP'D		
1 DECIMAL PLACE	±0.38	DWG. APPR.	A.GREEN
2 DECIMAL PLACES	±0.25	ENG. REL. NO.	NOV.6,18
3 DECIMAL PLACES		REF.	
ANGULAR DEGREES		THIRD ANGLE PROJECTION	

Amphenol Canada Corp.			
Commercial Products			
STACKABLE MODULAR JACK, 2X1 PORTS, RJE1R SERIES, 8P8C, THROUGH HOLE, SHIELDED ONLY WITH TOP TABS, -RoHS COMPLIANT			
DWG. NO.	P-RJE1R-288-XX3XXX	REV	E
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	3 OF 4

TABLE 1: AMPHENOL PART NUMBER DESCRIPTION:

R J E 1 R 2 8 8 X X 3 X X X

TOP PORT CATEGORY OPTION.:

1 - CAT5 COMPATIBLE
2 - CAT5e
3 - CAT6

BOTTOM PORT CATEGORY OPTION.:

1 - CAT5 COMPATIBLE
2 - CAT5e
3 - CAT6

CONTACT TAIL LENGTH OPTION:

1 : 3.60 MM
2 : 3.20 MM
3: 2.80 MM

LED OPTION:

SEE THE TABLE 2 BELOW FOR LED DESIGNATION

CONTACT GOLD PLATING
THICKNESS OPTION:

1 - GOLD FLASH.;
2 - 15u" MIN.;
3 - 30u" MIN.;
4 - 50u" MIN.;

SHIELD OPTION:

3 - FULL SHIELD ONLY WITH TOP TABS;

REVISIONS			
REV	DESCRIPTION, RCN, EAR NO.	DATE	APP'D
B	CORRECT BOTTOM LED DIM. IN PCB LAYOUT	JUL.3,2019	A.G
C	FIX THE RECOMMENDED PCB	JUL.10,2019	A.G
D	UPDATE NOTES	NOV.11,2019	A.G
E	UPDATE NOTES	NOV.25,2019	A.G

TABLE 2: LED DESIGNATION:

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	N	BIC GR/RD	BIS 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



UNLESS SPECIFIED OTHERWISE	DRAWN	KELVIN T	NOV.6,18
PRIMARY UNITS	MILLIMETERS	CHECKED	
REFERENCE IN PARENTHESES	M.E. APP'D		
GENERAL TOLERANCES	Q.A. APP'D	A.GREEN	NOV.6,18
1 DECIMAL PLACE	±0.38	ENG. REL. NO.	
2 DECIMAL PLACES	±0.25	REF.	
3 DECIMAL PLACES		THIRD ANGLE PROJECTION	
ANGULAR DEGREES		DO NOT SCALE DRAWING	

Amphenol Canada Corp. Commercial Products			
STACKABLE MODULAR JACK, 2X1 PORTS, RJE1R SERIES,8P8C,THROUGH HOLE, SHIELDED ONLY WITH TOP TABS, -RoHS COMPLIANT			
DWG. NO.	P-RJE1R-288-XX3XXX		
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	4 OF 4