

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	DEC24/24	K.T

# NOTES:

## ELECTRICAL:

1. VOLTAGE RATING: 125 VAC.
2. CURRENT RATING: 1.25 AMPS PER CONTACT.
3. INSULATING RESISTANCE : 500 MEGAOHMS MINIMUM.
4. DIELECTRIC STRENGTH : 1000 VAC 60Hz, 1MIN.

## MECHANICAL:

1. SHIELD: STAINLESS STEEL WITH TIN FINISHED TAILS
2. HOUSING: HIGH TEMP THERMOPLASTIC. UL 94V-0.
3. CONTACT: PHOSPHOR BRONZE.  
SELECTIVE GOLD PLATING FOR MATING SURFACE,  
50u" MIN. NICKEL UNDERPLATE  
100u" MATTE TIN PLATING ON CONTACT SOLDER TAIL.

## ENVIRONMENTAL:

- 1.OPERATING TEMPERATURE: -40 °C TO +85°C
- 2.MATES WITH MODULAR PLUG CONFORMING TO TIA 1096 STANDARD.
- 3.RECOMMENDED SOLDER PROCESS:  
REFLOW SOLDER,PEAR TEMPERATURE 260°C FOR 10 SECONDS MAX.

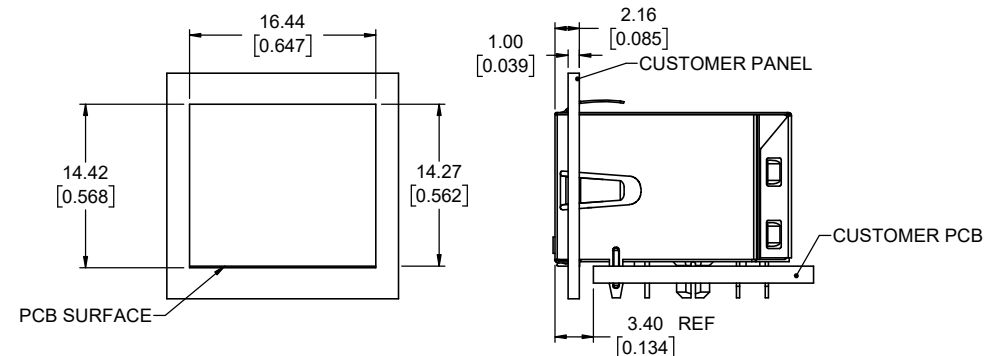
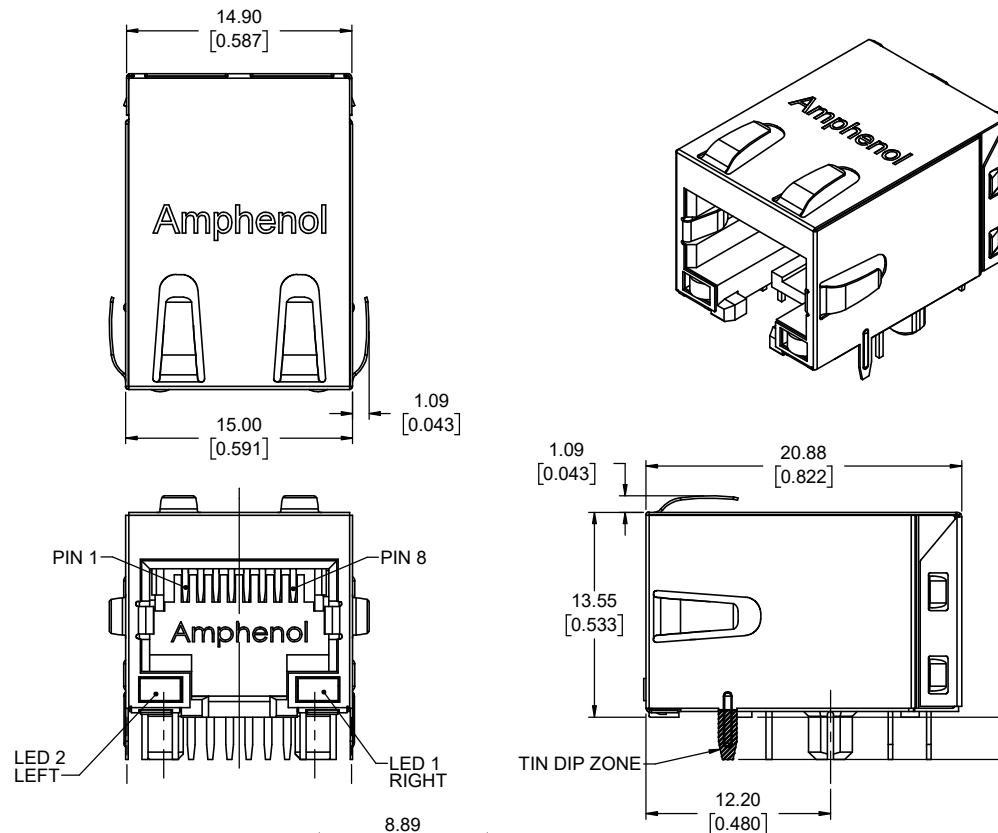
RJ CONNECTOR CONFORMS TIA-1096 STANDARD

AMPHENOL PART NUMBER: RJE1D-188-X 1 X X 1

CATEGORY OPTIONS:  
2= CAT5e  
3= CAT6

LED OPTIONS  
SEE SHEET 2 FOR DETAILS

GOLD PLATING OPTIONS:  
1=6u" GOLD PLATING  
2=15u" MIN GOLD PLATING  
3=30u" MIN GOLD PLATING  
4=50u" MIN GOLD PLATING

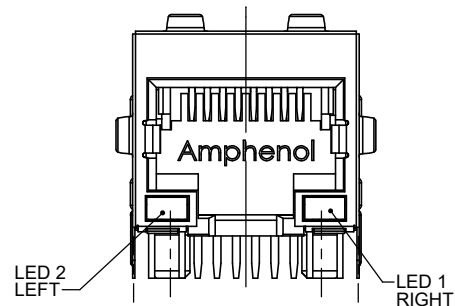


**RECOMMENDED PCB LAYOUT  
VIEW FROM COMPONENT SIDE  
TOLERANCE: ±0.05[0.002]**

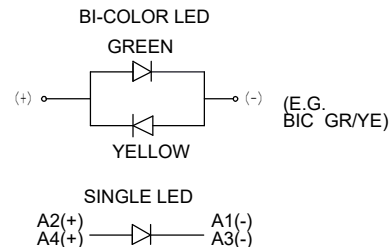
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UNLESS SPECIFIED OTHERWISE		DRAWN	J.CHEN	DEC24/24	<div>Amphenol Canada Corp.</div> <div>Commercial Products</div> <div>MODULAR JACK, 1X1, 8P8C, SHIELDED WITH TOP AND SIDE TABS,TAB DOWN, W/ LED, RoHS COMPLIANT</div>			
PRIMARY UNITS MILLIMETERS		CHECKED	K.TANG	DEC24/24				
SECONDARY INCHES		M.E. APP'D						
REFERENCE IN PARENTHESES		Q.A. APP'D						
GENERAL TOLERANCES		DWG APPR.			<div>DWG. NO.</div> <div>P-RJE1D-188-X1XX1</div> <div>CODE ID NO. 03554   DWG SIZE: X   SCALE: 4:1   SHEET 1 OF 2</div>			
1 DECIMAL PLACE		ENG. REL. NO. EAR 16036						
2 DECIMAL PLACES ±0.25		REF.						
3 DECIMAL PLACES		THIRD ANGLE PROJECTION						
ANGULAR DEGREES ±2°		<div><div></div><div>DO NOT SCALE DRAWING</div></div>						

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## LED SCHEMATIC



LED SPECIFICATIONS:  
FORWARD VOLTAGE: 1.6 VOLTS TYP.  
REVERSE VOLTAGE: 5.0 VOLTS MAX.  
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

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

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

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

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	BiC GR/YE
5	GREEN	GREEN	E	YELLOW	BiC GR/YE	P	GREEN	BiC GR/RD
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

EXAMPLE OF ADDITIONAL LED OPTIONS:

RJE1D-188-214W1-0X


—ADDITIONAL LED COLOR CODE  
—ONLY USED FOR "W" OPTIONS USED IN FIRST LED CODE  
—DENOTES ADDITIONAL OPTIONS TO BE USED

CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)	CODE	LED 2 (LEFT)	LED 1 (RIGHT)
0	DO NOT USE		5	BLOCKED	YELLOW	A	LOWC YE	LOWC YE
1	RED	BLOCKED	6	RED	BiC RD/GR	B	LOWC YE	LOWC GR
2	BiC GR/OR	YELLOW	7	BLOCKED	BiC RD/GR	C	LOWC GR	LOWC YE
3	YELLOW	RED	8	BiC RD/GR	BLOCKED	D	LOWC GR	LOWC GR
4	BLOCKED	RED	9	BiC GR/YE	BLOCKED	M	LOWC RD	LOWC YE
						E	GREEN	ORANGE
						F	ORANGE	GREEN
						G	BiC OR/GR	BiC OR/GR
						H	BiC GR/OR	ORANGE

TRAY INFORMATION		
CONNECTORS PER TRAY	TRAYS PER CARTON	TOTAL CONNECTORS PER CARTON
50PCS	22PCS	1100PCS



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SECONDARY INCHES		M.E. APP'D				<p>DWG. NO.</p> <p><b>P-RJE1D-188-X1XX1</b></p> <p>CODE ID NO. 03554 DWG SIZE: X SCALE: 4:1 SHEET 2 OF 2</p>					
REFERENCE IN PARENTHESES		Q.A. APP'D									
GENERAL TOLERANCES		DWG APPR.				<p>REV A</p>					
1 DECIMAL PLACE		ENG. REL. NO.		EAR 16036							
2 DECIMAL PLACES ±0.25		REF.				<p>DO NOT SCALE DRAWING</p>					
3 DECIMAL PLACES		THIRD ANGLE PROJECTION									
ANGULAR DEGREES ±2°											