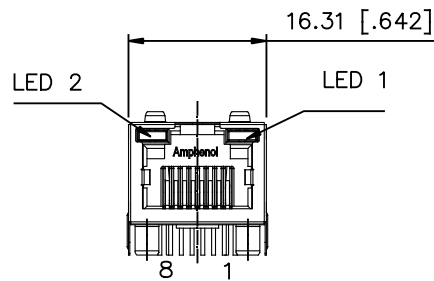
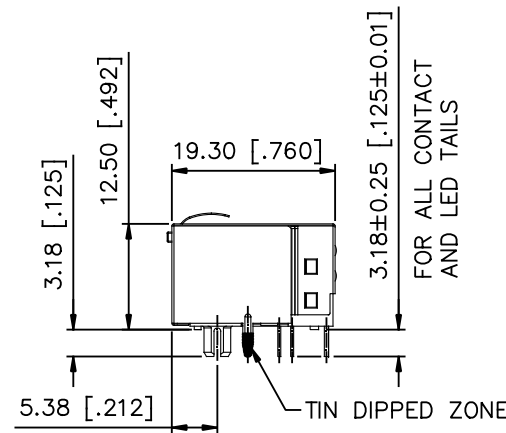


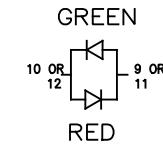
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING	JUN11/15	L.CHAN



FRONT VIEW

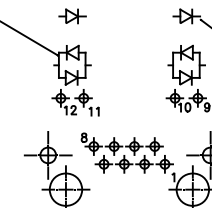


SIDE VIEW



BI-COLOUR LED DETAIL  
(YELLOW/GREEN,  
RED/YELLOW  
AND GREEN/ORANGE LED'S  
ARE ALSO AVAILABLE)

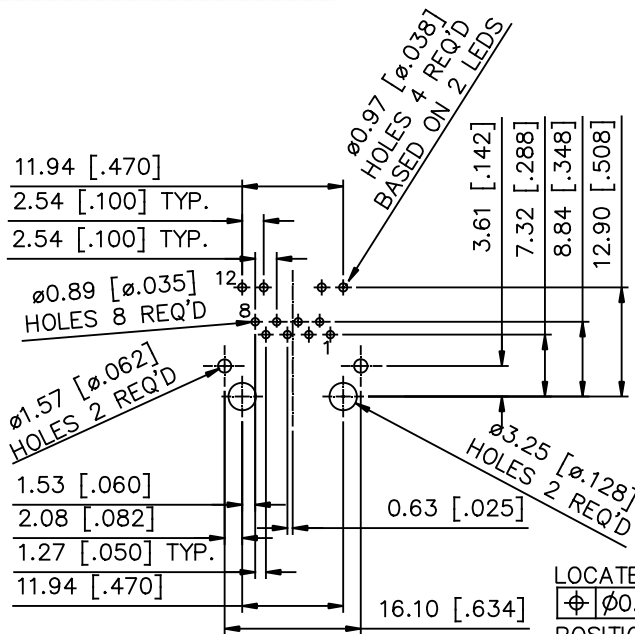
TYPICAL FOR  
BI-COLOUR LED



TYPICAL FOR  
SINGLE COLOUR LED  
(RED, GREEN, OR YELLOW)

LED SCHEMATIC

RECOMMENDED PANEL CUTOUT



RECOMMENDED P.C.B. LAYOUT  
(COMPONENT SIDE OF BOARD)

LOCATE HOLES

⌀0.13 [.005]

POSITION DIMENSIONS  
ARE BASIC

# 1. MATERIALS

HOUSING: ENGINEERING THERMOPLASTIC;  
FLAMMABILITY RATING UL 94V-0, COLOUR: BLACK.

CONTACTS: PHOSPHOR BRONZE

PLATING: SELECTIVE GOLD PLATING ON MATING SURFACES  
SEE AMPHENOL PART NUMBER FOR DETAIL.  
50u" [1.27 MICRONS] MIN. NICKEL UNDERPLATE  
100u" [2.54 MICRONS] MIN. MATTE TIN ON CONTACT TAILS.

SHIELD: STAINLESS STEEL WITH TIN DIP ON SOLDER TAIL

# 2. RECOMMENDED SOLDERING TEMPERATURE:

WAVE SOLDERING AT 260° C MAXIMUM FOR 5 SEC MAXIMUM.

# 3. AMPHENOL PART NUMBER: RJE37-188-2XX0-0X

GOLD PLATING OPTION  
1=GOLD FLASH  
2=6u" GOLD PLATING  
3=15u" GOLD PLATING  
4=30u" GOLD PLATING  
5=50u" GOLD PLATING

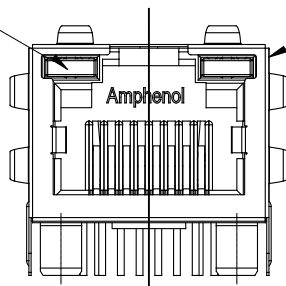
REFER TO LED OPTIONS  
DRAWING FOR ORDERING CODES

UNLESS SPECIFIED OTHERWISE	DRAWN	AMY.Z	JUN11/15
PRIMARY UNITS MILLIMETERS	CHECKED	L.Chan	JUN11/15
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES FOR MM	DWG APP'D		
1 DECIMAL PLACE ±0.40	ENG. REL. NO.		
2 DECIMAL PLACE ±0.30	REF.		
3 DECIMAL PLACE ±0.25			
ANGULAR DEGREES ±1.5°			
	THIRD ANGLE PROJECTION		
	DO NOT SCALE DRAWING		

Amphenol Canada Corp.			
www.amphenolcanada.com			
SINGLE PORT MODULAR JACK, LOW PROFILE, 8 POSITION, 8 CONTACTS, SHIELD ONLY WITH TOP TABS, LED OPTIONS. -RoHS COMPLIANT.			
DWG NO. P-RJE37-188-2XX0-0X			REV A
CODE ID NO. 03554	DWG SIZE: C	SCALE: N/A	SHEET 1 OF 1

LED 2

LED 1

**EXAMPLE:**

PART NUMBER: RJE37-188-1XXX-0X

LED COLOR CODE

TYPICAL FOR SINGLE



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 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	OPTIONS

**EXAMPLE OF ADDITIONAL LED OPTIONS:**

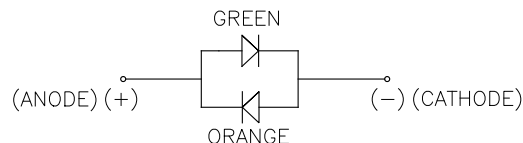
PART NUMBER RJE37-188-1XWX-0X

ADDITIONAL LED COLOR CODE

DENOTES ADDITIONAL LED 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	E	GREEN	ORANGE
1	RED	BLOCKED	6	RED	BiC RD/GR	A	LOWC YE	LOWC YE
2	BiC GR/OR	YELLOW	7	BLOCKED	BiC RD/GR	B	LOWC YE	LOWC GR
3	YELLOW	RED	8	BiC RD/GR	BLOCKED	C	LOWC GR	LOWC YE
4	BLOCKED	RED	9	BiC GR/YE	BLOCKED	D	LOWC GR	LOWC GR
						M	RED	YELLOW
						N	GREEN	BiC GR/OR
						E	GREEN	ORANGE
						F	ORANGE	GREEN
						P	BiC RE/YE	GREEN
						R	BiC RD/YE	BiC RD/YE
						T	BiC GR/YE	BiC RE/GR
						G	GREEN	BiC OR/GR

TYPICAL FOR BI-COLOR

(GREEN/ORANGE, GREEN/YELLOW  
AND GREEN/RED)

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL	JUN19/15	L.CHAN

**LED SPECIFICATIONS:**

FORWARD VOLTAGE: 2.1 VOLTS TYP.

REVERSE VOLTAGE: 5.0 VOLTS MIN.

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

**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 Amy.Z	DATE JUN19/15	Amphenol Canada Corp. www.amphenolcanada.com	
PRIMARY UNITS MILLIMETER		CHECKED Lawrence.C	JUN19/15		
SECONDARY INCH		M.E. APP'D		LED OPTIONS FOR RJE37	
REFERENCE IN PARENTHESES		Q.A. APP'D			
GENERAL TOLERANCES		DWG APPR.		DWG. NO. P-RJE37-LEDs	
1 DECIMAL PLACE ±0.45		ENG. REL. NO.			
2 DECIMAL PLACES ±0.30		REF.		REV A	
3 DECIMAL PLACES ±0.15		THIRD ANGLE PROJECTION			
ANGULAR DEGREES ±1.0°		DO NOT SCALE DRAWING		CODE ID NO. 03554 DWG SIZE: C SCALE: N/A SHEET 1 OF 1	