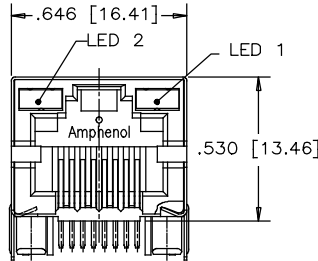
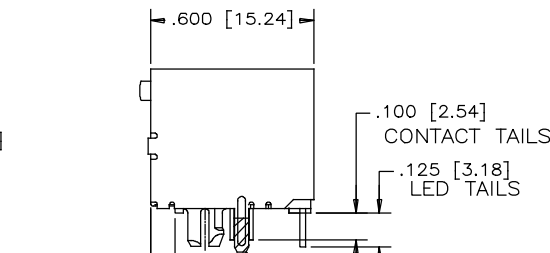


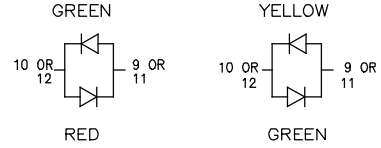
| REVISIONS |                           |          |        |
|-----------|---------------------------|----------|--------|
| REV       | DESCRIPTION, ECN, EAR NO. | DATE     | APP'D  |
| A         | PROPOSAL DRAWING          | MAR08/18 | L.CHAN |
|           |                           |          |        |
|           |                           |          |        |



FRONT VIEW



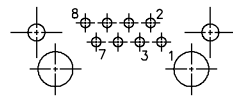
SIDE VIEW



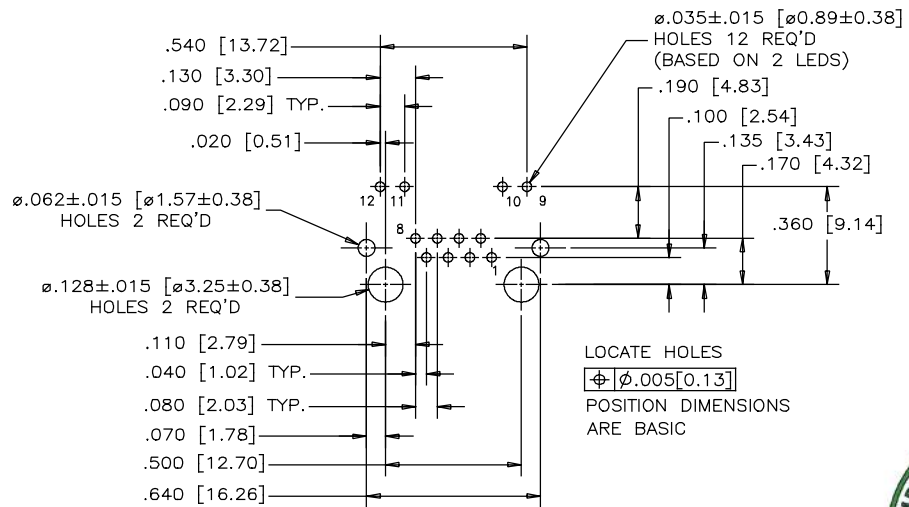
BI-COLOUR LED DETAIL  
(RED/YELLOW AND GREEN/ORANGE LED'S ARE ALSO AVAILABLE)

TYPICAL FOR BI-COLOUR LED

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

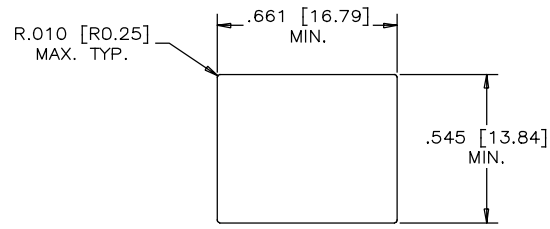


LED SCHEMATIC



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

LOCATE HOLES  
 $\phi \pm .005 [0.13]$   
 POSITION DIMENSIONS  
 ARE BASIC



RECOMMENDED PANEL CUTOUT

**MATERIALS:**  
 PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC  
 FLAMMABILITY RATING UL 94V-0

**CONTACTS:** PHOSPHOR BRONZE  
 PLATING: GOLD PLATING ON MATING SURFACE.  
 [SEE PART NUMBER FOR THICKNESS]  
 50 μ" [1.27 MICRONS]  
 MIN. NICKEL UNDERPLATE  
 100 μ" [2.54 MICRONS]  
 MIN. MATTE TIN ON CONTACT TAILS.

**SHIELD:** STAINLESS STEEL WITH TIN FINISH ON SOLDER TAIL

PART NUMBER: RJHSE-XE8X

GOLD PLATING REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

E=RJ45 FLAT CONTACT 6u"  
 G=RJ45 FLAT CONTACT 15u"  
 J=RJ45 FLAT CONTACT 30u"  
 5=RJ45 FLAT CONTACT 50u"

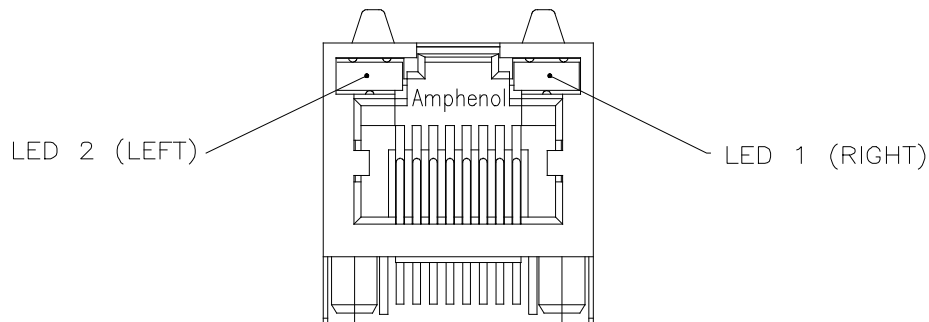
|                            |                        |                      |
|----------------------------|------------------------|----------------------|
| UNLESS SPECIFIED OTHERWISE | DRAWN W.QIU            | DATE MAR 08/18       |
| PRIMARY UNITS INCH         | CHECKED L.CHAN         | MAR 08/18            |
| SECONDARY MILLIMETER       | M.E. APP'D             |                      |
| REFERENCE IN PARENTHESES   | Q.A. APP'D             |                      |
| GENERAL TOLERANCES         | DWG APPR.              |                      |
| 1 DECIMAL PLACE ±0.025     | ENG. REL. NO.          |                      |
| 2 DECIMAL PLACES ±0.020    | REF.                   |                      |
| 3 DECIMAL PLACES ±0.015    | THIRD ANGLE PROJECTION | DO NOT SCALE DRAWING |
| ANGULAR DEGREES ±1.0°      |                        |                      |

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 www.amphenolcanada.com

TITLE HIGH SPEED RJ45 SINGLE-PORT CONNECTOR WITH LED'S AND SHIELD (OPEN FRONT, WITHOUT TABS)  
 - RoHS COMPLIANT

DWG. NO. P-RJHSE-XE8X REV A

CODE ID NO. 03554 DWG SIZE: c SCALE: N/A SHEET 1 OF 1



TYPICAL FOR SINGLE & MULTI-PORT



**EXAMPLE:**

PART NUMBER RJHSE-538X



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     | 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 RJHSE-538W-01Y



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    | BiC GR/YE    | BiC GR/RD     |
| 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       |
|      |              |               | N    | BLUE         | RED           | M    | LOWC RD      | LOWC YE       |

| REVISIONS |      |                   |          |        |
|-----------|------|-------------------|----------|--------|
| SYM       | ZONE | ECN, ERN NO.      | DATE     | APPRD. |
| B         |      | ADD LED CODE N    | AUG16/12 | L.C    |
| C         |      | UPDATE RoHS STAMP | AUG30/13 | L.C    |
| D         |      | UPDATE SPEC.      | MAY07/14 | L.C    |
| E         |      | UPDATE SPEC.      | APR19/17 | 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)

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

**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.

|                               |                    |
|-------------------------------|--------------------|
| DRAWN K. LAMBIE               | DATE SEP21/04      |
| DESIGNED                      |                    |
| CHECKED                       |                    |
| I. E. APPRD.                  |                    |
| Q. A. APPRD.                  |                    |
| DWG. APPRD.                   |                    |
| ENG. REL. NO.                 |                    |
| REF.                          |                    |
| DIMENSIONS ARE IN INCHES [mm] | CODE ID. NO. 03554 |

**Amphenol Canada Corp.**

TITLE  
LED OPTIONS FOR RJHSE, SINGLE  
OR MULTI-PORT CONNECTORS  
- RoHS COMPLIANT

|       |              |              |
|-------|--------------|--------------|
| DWG   | DRAWING NO.  | REV.         |
|       | P-RJHSE-LEDS | E            |
| SCALE | WT. -----    | SURF. -----  |
|       |              | SHEET 1 OF 1 |

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