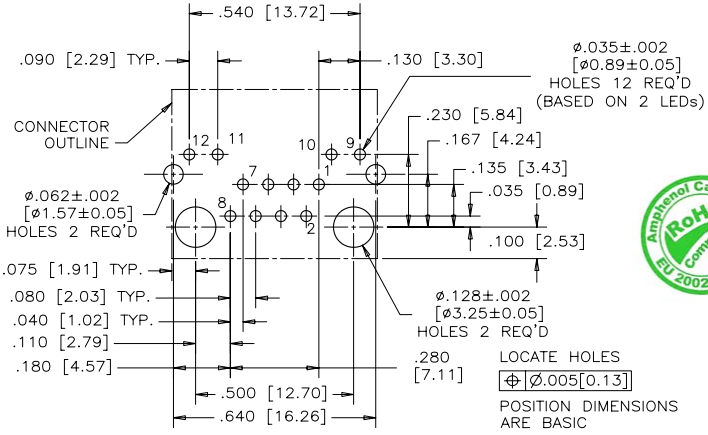


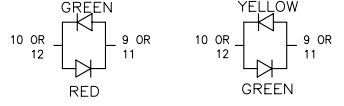
RECOMMENDED PANEL CUTOUT



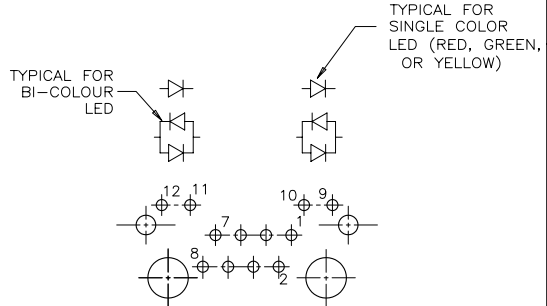
RECOMMENDED P.C.B. LAYOUT  
(COMPONENT SIDE OF BOARD)



| REVISIONS |      |                           |           |        |
|-----------|------|---------------------------|-----------|--------|
| SYM       | ZONE | ECN, ERN NO.              | DATE      | APPRD. |
| C         |      | ADD DIMENSION FOR CONTACT | NOV 14/06 | L.CHAN |
| D         |      | PROPOSAL                  | OCT 24/08 | L.CHAN |



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



LED SCHEMATIC

MATERIALS:

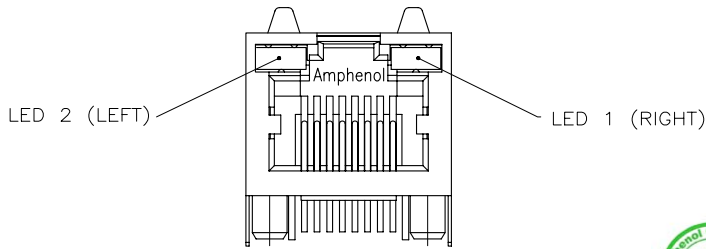
- PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC  
FLAMMABILITY RATING UL 94V-0
- CONTACTS: PHOSPHOR BRONZE  
(FLAT) PLATING: 30 μ" [0.76 MICRONS] MIN. GOLD ON MATING SURFACES.  
50 μ" [1.27 MICRONS] MIN. NICKEL UNDERPLATE  
100 μ" [2.54 MICRONS] MIN. MATTE TIN ON CONTACT TAILS.
- SHIELD: COPPER ALLOY  
PLATING: NICKEL WITH PURE-TIN DIPPED PCB TAILS.
- RECOMMENDED SOLDERING TEMPERATURE:  
WAVE SOLDERING TEMPERATURE AT 260°C MAXIMUM FOR 5 SEC MAXIMUM.

AMPHENOL PART NUMBER: RJHSE-338X

REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

|                               |               |   |              |
|-------------------------------|---------------|---|--------------|
| DRAWN PAULW                   | DATE JUL04/06 | <b>Amphenol Canada Corp.</b>  |              |
| DESIGNED                      |               |   |              |
| CHECKED CHIGOW                | JUL04/06      | TITLE   |              |
| I. E. APPRD.                  |               | SINGLE-PORT HIGH SPEED MODULAR JACK, 8 POSITIONS, 8 FLAT CONTACTS, WITH LED'S AND SHIELD - RoHS COMPLIANT |              |
| Q. A. APPRD.                  |               | DWG. APPRD.   |              |
| DWG. APPRD.                   |               | DWG. DRAWING NO.  |              |
| ENG. REL. NO.                 |               | P-RJHSE-338X  |              |
| REF.                          |               | REV. D  |              |
| DIMENSIONS ARE IN INCHES [mm] |               | CODE ID. NO. 03554  | SHEET 1 OF 1 |

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**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: -20° TO 85° C  
 LEAD SOLDERING TEMPERATURE: 260° C  
 (5 SEC, 1/16" FROM CASE)  
 PLATING ON TAILS: TIN OR TIN/COPPER  
 ALLOY OVER SILVER



**EXAMPLE:**  
 PART NUMBER RJHSE-538X

TYPICAL FOR SINGLE &  
 MULTI-PORT

+ — (ANODE) — — (CATHODE)

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     | P    | GREEN              | BiC RD/GR     |
| 5    | GREEN        | GREEN         | E    | YELLOW       | BiC GR/YE     | R    | BiC GR/OR          | GREEN         |
| 6    | YELLOW       | YELLOW        | F    | BiC GR/YE    | YELLOW        | T    | RED                | RED           |
| 7    | RED          | GREEN         | G    | BiC GR/OR    | BiC GR/OR     | V    | BiC RD/GR          | GREEN         |
| 8    | GREEN        | RED           | H    | BiC GR/YE    | GREEN         | W    | ADDITIONAL OPTIONS |               |

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 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        | 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       |

**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.

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 PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

|   |                  |   |
|---|------------------|---|
| DRAWN K. LAMBIE<br>DESIGNED<br>CHECKED<br>I. E. APPRD.<br>Q. A. APPRD.<br>DWG. APPRD.<br>ENG. REL. NO.<br>REF. EAR 12481<br>DIMENSIONS ARE IN INCHES (mm) | DATE<br>SEP21/04 | <b>Amphenol Canada Corp.</b><br>TITLE<br>LED OPTIONS FOR RJHSE, SINGLE<br>OR MULTI-PORT CONNECTORS<br>-ROHS COMPLIANT |
| DWG. DRAWING NO.<br>P-RJHSE-LEDS  | REV.<br>A        | SCALE<br>WT. ----- SURF. ----- SHEET 1 OF 1   |