





TYPICAL FOR SINGLE & MULTI-PORT

|                  |                                                                                                         |
|------------------|---------------------------------------------------------------------------------------------------------|
| SINGLE COLOR LED | (ANODE)+  -(CATHODE) |
| BI-COLOR LED     | (ANODE)+  -(CATHODE) |

**EXAMPLE:**

PART NUMBER RJHSE-338X

LED COLOR CODE

| CODE | LED2 (LEFT) | LED1 (RIGHT) | CODE | LED2 (LEFT) | LED1 (RIGHT) | CODE | LED2 (LEFT)       | LED1 (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 OPTION |              |

PART NUMBER RJHSE-338W-01Y

ADDITIONAL LED COLOR CODE

DENOTES ADDITIONAL LED OPTIONS TO BE USED

| CODE | LED2 (LEFT) | LED1 (RIGHT) | CODE | LED2 (LEFT) | LED1 (RIGHT) | CODE | LED2 (LEFT) | LED1 (RIGHT) |
|------|-------------|--------------|------|-------------|--------------|------|-------------|--------------|
| 0    | DO NOT USE  |              | F    | GREEN       | BIC GR/OR    | Y    | YELLOW      | BIC YE/GR    |
| 1    | RED         | BLOCKED      | G    | GREEN       | ORANGE       |      |             |              |
| 2    | BIC GR/OR   | YELLOW       | H    | BIC OR/GR   | BIC OR/GR    | B    | LOWC YE     | LOWC GR      |
| 3    | YELLOW      | RED          | J    | BIC YE/GR   | BIC YE/GR    | C    | LOWC GR     | LOWC YE      |
| 4    | BLOCKED     | RED          | K    | BLOCKED     | WHITE        | D    | LOWC GR     | LOWC GR      |
| 5    | BLOCKED     | YELLOW       | L    | GREEN       | BIC YE/GR    |      |             |              |
| 6    | RED         | BIC RD/GR    | N    | BLUE        | RED          |      |             |              |
| 7    | BLOCKED     | BIC RD/GR    | P    | BLOCKED     | BIC GR/YE    |      |             |              |
| 8    | BIC RD/GR   | BLOCKED      | R    | BIC GR/RD   | BIC GR/RD    |      |             |              |
| 9    | BIC GR/YE   | BLOCKED      | T    | BLOCKED     | BIC YE/GR    |      |             |              |
| A    | BIC OR/GR   | GREEN        | U    | ORANGE      | BIC GR/YE    |      |             |              |
| E    | BIC GR/YE   | BIC GR/RD    | V    | BLOCKED     | BIC GR/RD    |      |             |              |

LED SPECIFICATIONS:  
FORWARD VOLTAGE: 2.1 VOLTS TYP.  
FORWARD VOLTAGE: 2.9 VOLTS FOR WHITE  
FORWARD VOLTAGE: 3.1 VOLTS FOR BLUE  
REVERSE VOLTAGE: 5.0 VOLTS MAX.  
LUMINOUS INTENSITY:  
18.6 mcd MIN. (AT If=20mA) TYP.  
480 mcd MIN. (AT If=5mA) FOR WHITE  
110 mcd MIN. (AT If=20mA) FOR BLUE

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.



|                            |                        |          |
|----------------------------|------------------------|----------|
| UNLESS SPECIFIED OTHERWISE | DRAWN L.CHAN           | NOV05/04 |
| PRIMARY UNITS INCHES       | CHECKED K.LAMBIE       | NOV05/04 |
| SECONDARY MILLIMETERS      | M.E. APP'D             |          |
| REFERENCE IN PARENTHESES   | Q.A. APP'D             |          |
| GENERAL TOLERANCES         | DWG APPR.              |          |
| 1 DECIMAL PLACE ±.025      | ENG. REL. NO.          |          |
| 2 DECIMAL PLACES ±.020     | REF.                   |          |
| 3 DECIMAL PLACES ±.015     | THIRD ANGLE PROJECTION |          |
| ANGULAR DEGREES ±1.0°      |                        |          |

**Amphenol Canada Corp.**  
Commercial Products

MODULAR JACK, RJ45, SINGLE PORT, VERTICAL  
MOUNT, 8P8C, SHIELD WITH LED OPTIONS, RoHS  
COMPLIANT

|                   |              |            |
|-------------------|--------------|------------|
| DWG. NO.          | P-RJHSE-338X | REV W      |
| CODE ID NO. 03554 | DWG SIZE: X  | SCALE: 4:1 |
| SHEET 2           | OF 2         |            |