

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



**MATERIALS:**

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

**CONTACTS:**  
(FLAT)

PHOSPHOR BRONZE  
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 TIN DIPPED PCB TAILS.

**RECOMMENDED SOLDERING TEMPERATURE:**

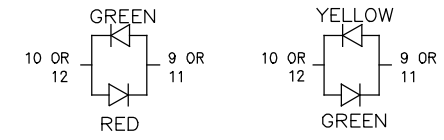
WAVE SOLDERING TEMPERATURE AT 260°C MAXIMUM  
FOR 5 SEC MAXIMUM.

ENVIRONMENTAL: OPERATING TEMPERATURE: -55°C to 85°C

AMPHENOL PART NUMBER: RJHSE-338X

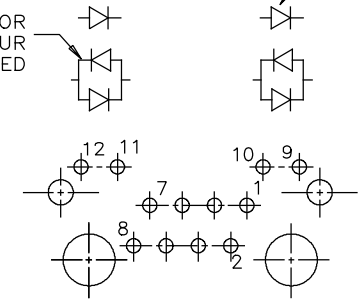
REFER TO LED OPTIONS DRAWING  
FOR ORDERING CODES

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
J	UPDATE DRAWING	AUG07/15	L.CHAN
K	CORRECT DRAWING	AUG12/15	L.CHAN

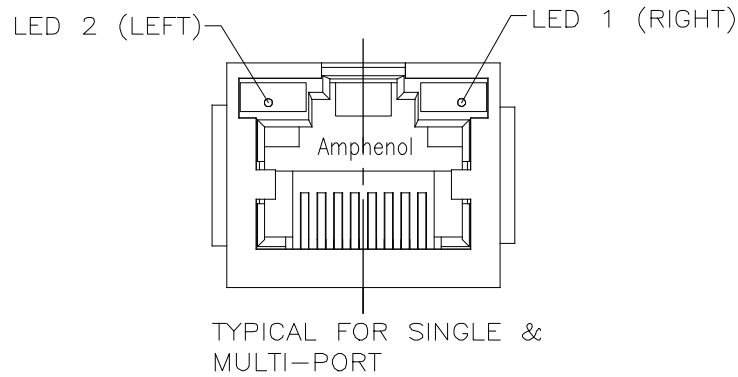


BI-COLOUR LED DETAIL  
(RED/YELLOW AND GREEN/ORANGE  
LED'S ARE ALSO AVAILABLE)

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



UNLESS SPECIFIED OTHERWISE		DRAWN FRANK.W	DATE APR01/14	Amphenol Canada Corp. www.amphenolcanada.com	
PRIMARY UNITS	INCH	CHECKED L.CHAN	APR01/14		
SECONDARY	MILLIMETER	M.E. APP'D		TITLE	
REFERENCE IN PARENTHESES		Q.A. APP'D		SINGLE-PORT HIGH SPEED MODULAR JACK, 8 POSITIONS, 8 FLAT CONTACTS, WITH LED'S AND SHIELD - RoHS COMPLIANT	
GENERAL TOLERANCES		DWG APPR.		DWG. NO.	
1 DECIMAL PLACE	±0.025	ENG. REL. NO.		P-RJHSE-338X	
2 DECIMAL PLACES	±0.020	REF.		REV	
3 DECIMAL PLACES	±0.015	THIRD ANGLE PROJECTION		K	
ANGULAR DEGREES	±1.0°	DO NOT SCALE DRAWING		CODE ID NO. 03554 DWG SIZE: C SCALE: N/A SHEET 1 OF 1	



+ - (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	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-338W-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
			M	LOWC RD	LOWC YE			

		REVISIONS		
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		PROPOSAL	AUG07/15	L.C

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.

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION  
MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING  
PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

DRAWN K. LAMBIE	DATE AUG07/15	Amphenol Canada Corp.		
DESIGNED		TITLE LED OPTIONS FOR RJHSE, SINGLE OR MULTI-PORT CONNECTORS - RoHS COMPLIANT		
CHECKED				
I. E. APPRD.				
Q. A. APPRD.				
DWG. APPRD.				
ENG. REL. NO.		DWG	DRAWING NO. P-RJHSE-VERTICAL-LEDS	REV. A
REF.				
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	SCALE	WT. -----	SURF. -----
				SHEET 1 of 1