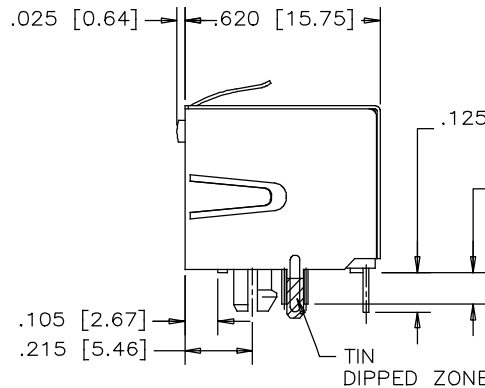
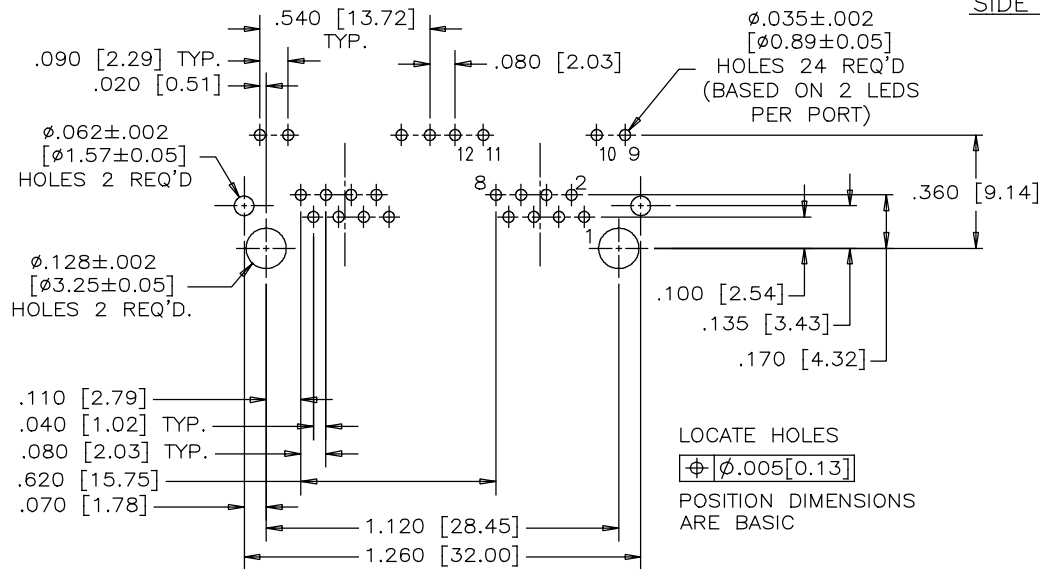


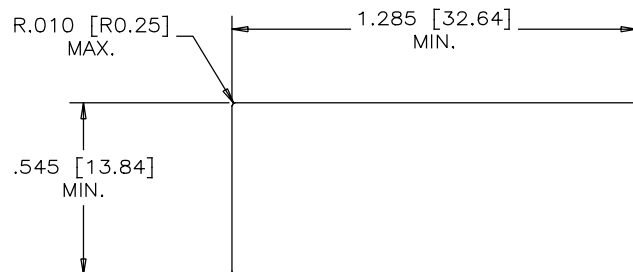
FRONT VIEW



SIDE VIEW



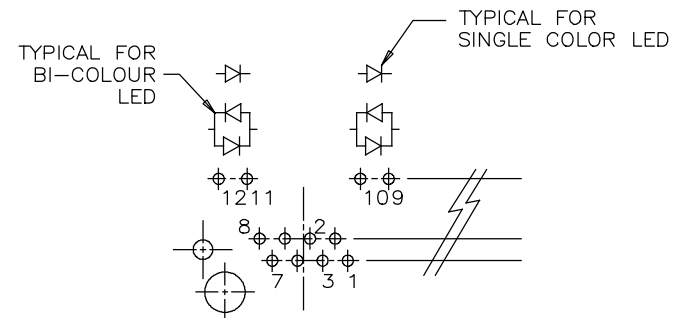
RECOMMENDED P.C.B. LAYOUT  
(COMPONENT SIDE OF BOARD  
TOLERANCES: +/- .002[0.05])



RECOMMENDED PANEL CUTOUT

LOCATE HOLES  
[Ø.005[0.13]]

POSITION DIMENSIONS  
ARE BASIC



LED SCHEMATIC

#### MATERIALS:

PLASTIC HOUSING: HIGH TEMPERATURE THERMOPLASTIC  
FLAMMABILITY RATING UL 94V-0,  
COLOUR: BLACK  
CONTACTS:  
PHOSPHOR BRONZE  
PLATING: 50 µ" [1.27 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.

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

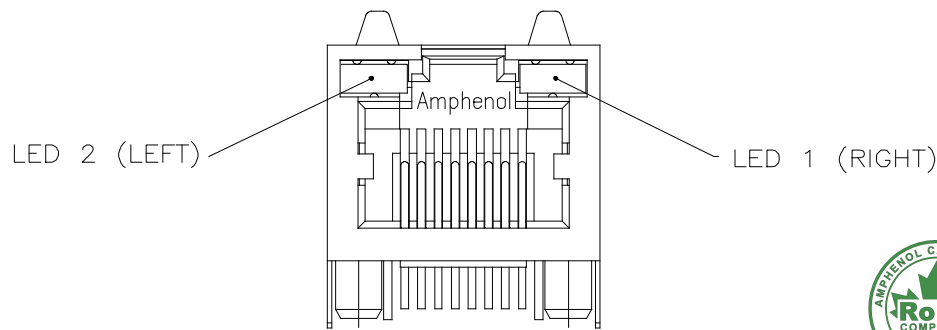
PART NUMBER: RJHSE-538X-02X

REFER TO LED OPTIONS DRAWING  
FOR ORDERING CODES



UNLESS SPECIFIED OTHERWISE	DRAWN FRANK.WANG	DATE SEP24/14
PRIMARY UNITS INCH	CHECKED LAWRENCE.C	SEP24/14
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	
ANGULAR DEGREES ±1.0°	DO NOT SCALE DRAWING	

Amphenol Canada Corp. www.amphenolcanada.com	
TITLE	2 PORT HIGH SPEED MODULAR JACK, 8 POSITION, 8 CONTACTS, SHIELDED AND WITH LED OPTIONS - RoHS COMPLIANT
DWG. NO.	P-RJHSE-538X-02X
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
						M	LOWC RD	LOWC YE

REVISIONS			
SYM	ZONE	ECN, ERN NO.	DATE
A		PROPOSAL	SEP21/04
B		ADD LED CODE N	AUG16/12
C		UPDATE RoHS STAMP	AUG30/13
D		UPDATE SPEC.	MAY07/14

#### 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. LAMBE	DATE SEP21/04	Amphenol Canada Corp.	
DESIGNED		TITLE LED OPTIONS FOR RJHSE, SINGLE OR MULTI-PORT CONNECTORS - RoHS COMPLIANT	
CHECKED		DWG. DRAWING NO. P-RJHSE-LEDS	
I. E. APPRD.		REV. D	
Q. A. APPRD.			
DWG. APPRD.			
ENG. REL. NO.			
REF.			
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	SCALE	WT. ----- SURF. ----- SHEET 1 OF 1

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# Mouser Electronics

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