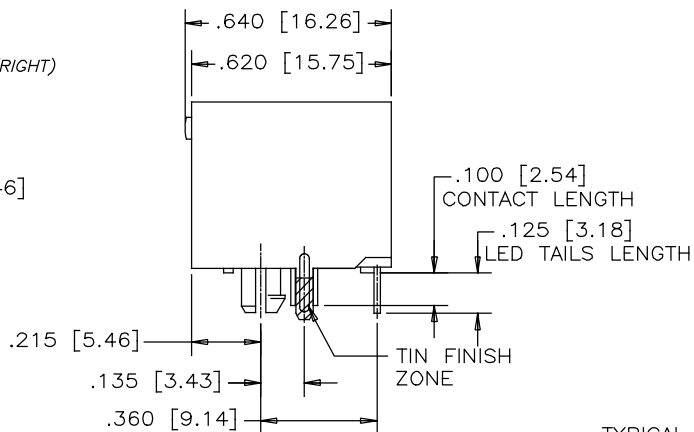
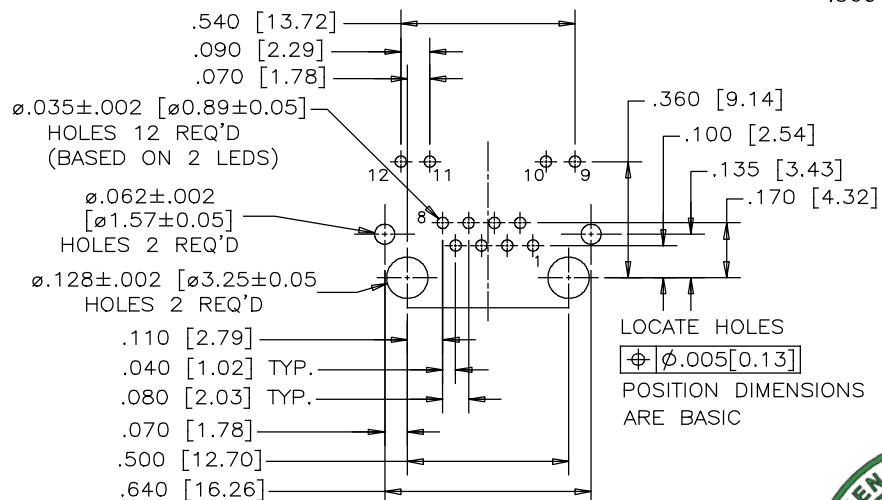


FRONT VIEW



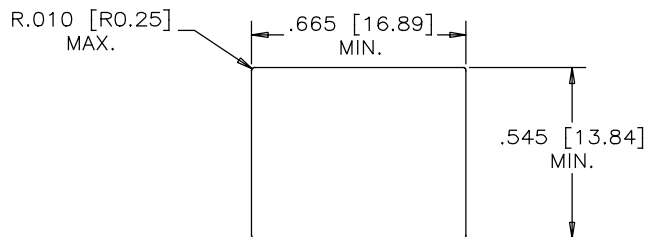
SIDE VIEW



RECOMMENDED P.C.B. LAYOUT

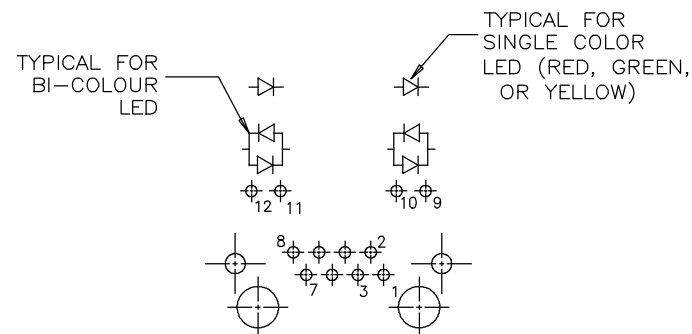
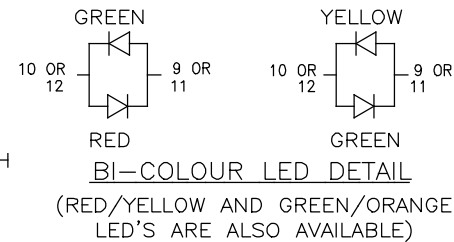
(COMPONENT SIDE OF BOARD)
PCB THICKNESS: 0.062±0.002 [1.57±0.05]

LOCATE HOLES
⌀ .005 [0.13]
POSITION DIMENSIONS
ARE BASIC



RECOMMENDED PANEL CUTOUT

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL	AUG 09/16	L.CHAN
B	CHANGE TO TIN FINISH	JUN 20/17	L.CHAN



LED SCHEMATIC

NOTES:

1. MATERIALS:

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

CONTACTS:

PHOSPHOR BRONZE
PLATING: GOLD ON MATING SURFACES
(SEE PART NO. 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-XF8X

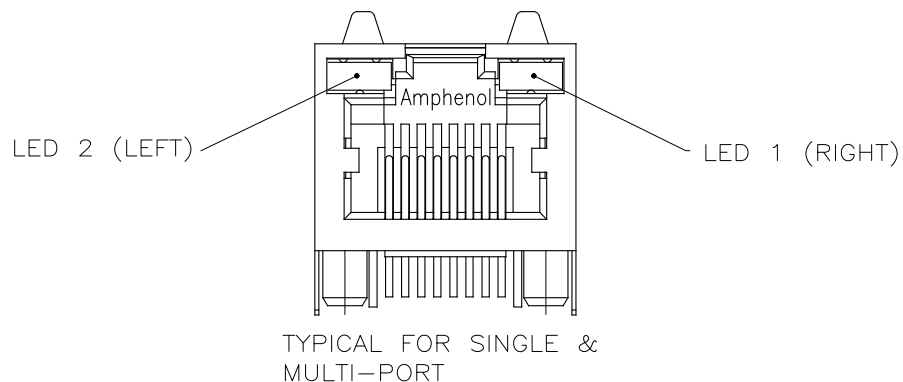
CONTACT GOLD PLATING

E=RJ45 FLAT CONTACT 6u"
G=RJ45 FLAT CONTACT 15u"
J=RJ45 FLAT CONTACT 30u"
5=RJ45 FLAT CONTACT 50u"
0=RJ45 FLAT CONTACT 1u"

REFER TO LED OPTIONS DRAWING
FOR ORDERING CODES

UNLESS SPECIFIED OTHERWISE		DRAWN	CHANG WEI	DATE	AUG 09/16	Amphenol Canada Corp. www.amphenolcanada.com	
PRIMARY UNITS	INCH	CHECKED	L.CHAN	AUG 09/16			
SECONDARY UNITS	MILLIMETER	M.E. APP'D				TITLE HIGH SPEED, RJ45, MODULAR JACK, 8 POSITION, 8 CONTACTS, SHIELDED WITH LEDs - RoHS COMPLIANT	
REFERENCE IN PARENTHESES		Q.A. APP'D					
GENERAL TOLERANCES		DWG APPR.				DWG. NO. P-RJHSE-XF8X	
1 DECIMAL PLACE	±0.025	ENG. REL. NO.					
2 DECIMAL PLACES	±0.020	REF.				CODE ID NO. 03554 DWG SIZE: C SCALE: N/A SHEET 1 OF 1	
3 DECIMAL PLACES	±0.015	THIRD ANGLE PROJECTION					
ANGULAR DEGREES	±1.0°	DO NOT SCALE DRAWING				REV B	

REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
F	UPDATE SPEC	JUL06/18	L.CHAN
G	UPDATE SPEC	NOV19/18	L.CHAN
H	UPDATE SPEC	JAN29/19	L.CHAN



EXAMPLE:

PART NUMBER RJHSE-538X

+ - (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-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		F	GREEN	BiC GR/OR	A	LOWC YE	LOWC YE
1	RED	BLOCKED	R	BiC GR/RD	BiC GR/RD	B	LOWC YE	LOWC GR
2	BiC GR/OR	YELLOW	G	GREEN	ORANGE	C	LOWC GR	LOWC YE
3	YELLOW	RED	H	BiC OR/GR	BiC OR/GR	D	LOWC GR	LOWC GR
4	BLOCKED	RED	J	BiC YE/GR	BiC YE/GR	M	LOWC RD	LOWC YE
5	BLOCKED	YELLOW	K	BLOCKED	WHITE			
6	RED	BiC RD/GR	L	GREEN	BiC YE/GR			
7	BLOCKED	BiC RD/GR	N	BLUE	RED			
8	BiC RD/GR	BLOCKED	P	BLOCKED	BiC GR/YE			
9	BiC GR/YE	BLOCKED	T	BLOCKED	BiC YE/GR			
E	BiC GR/YE	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 MIN.
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 K. LAMBIE	SEP21/04	Amphenol Canada Corp. Commercial Products	
PRIMARY UNITS INCHES		CHECKED			
SECONDARY MILLIMETERS		M.E. APP'D		LED OPTIONS FOR RJHSE, SINGLE OR MULTI-PORT CONNECTORS - RoHS COMPLIANT	
REFERENCE IN PARENTHESES		Q.A. APP'D			
GENERAL TOLERANCES		DWG APP'D		DWG NO. P-RJHSE-LEDS	
1 DECIMAL PLACE ±0.025		ENG. REL. NO.			
2 DECIMAL PLACES ±0.02		REF.		REV H	
3 DECIMAL PLACES ±0.015		THIRD ANGLE PROJECTION			
ANGULAR DEGREES ±1°		DO NOT SCALE DRAWING		CODE ID NO. 03554 DWG SIZE C SCALE NA SHEET 1 OF 1	