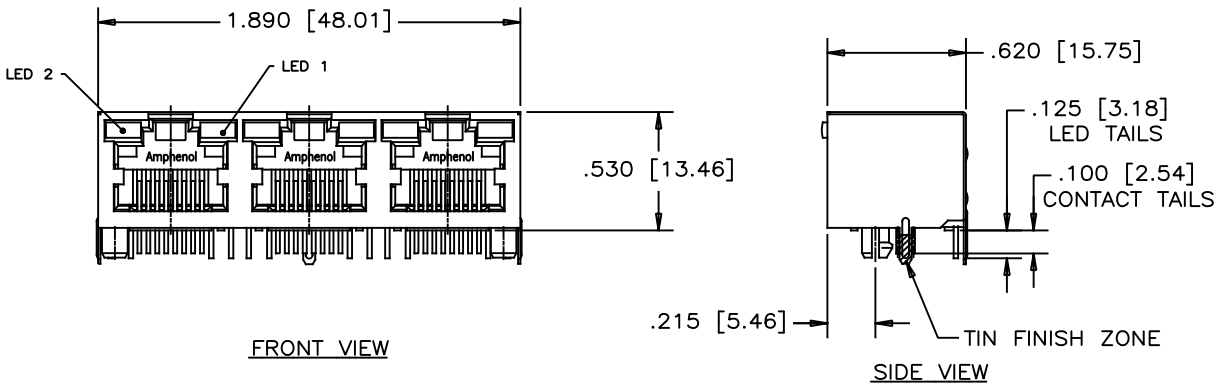
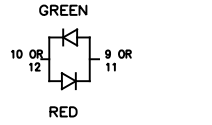
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL DRAWING	AUG 27/19	L.CHAN
B	REVISE DRAWING NO	MAR25/22	L.CHAN

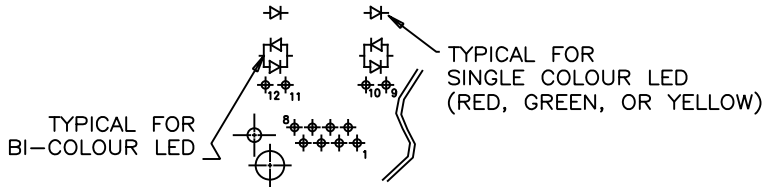


FRONT VIEW

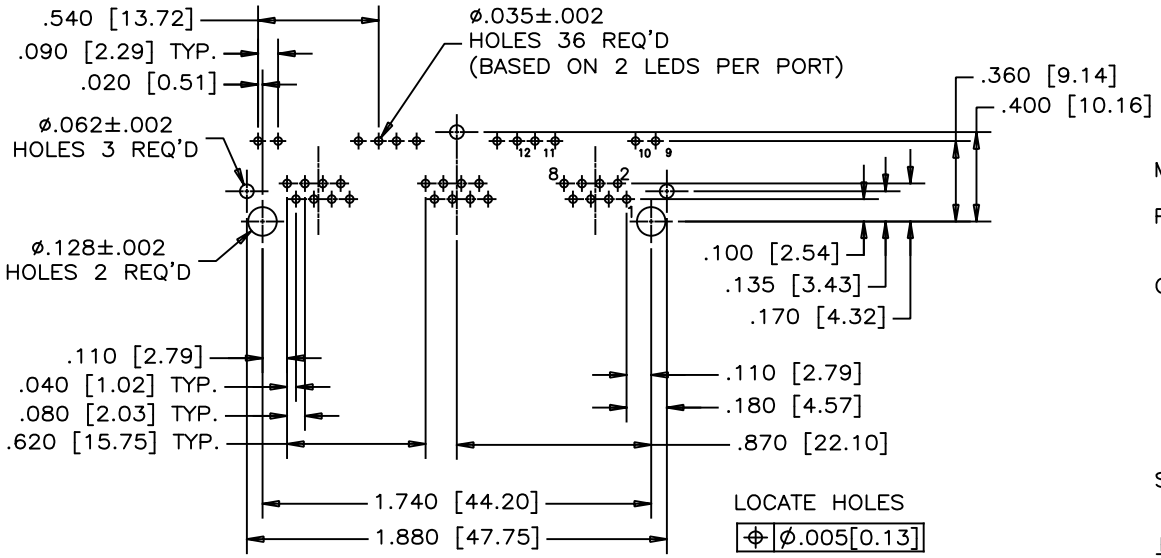
SIDE VIEW



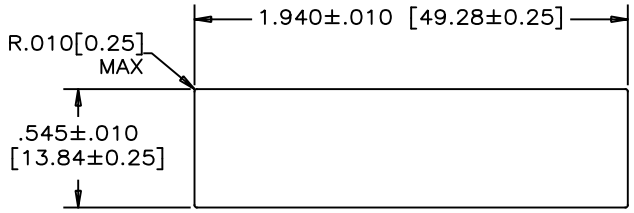
BI-COLOUR LED DETAIL
(YELLOW/GREEN, RED/YELLOW AND GREEN/ORANGE LED'S ARE ALSO AVAILABLE)



LED SCHEMATIC



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



RECOMMENDED PANEL CUTOUT

MATERIALS:

PLASTIC HOUSING: HIGH TEMPERATURE ENGINEERING THERMOPLASTIC
FLAMMABILITY RATING UL 94V-0, 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 FINISH ON PCB TAIL.

PART NUMBER: RJHSE-XF8X-03X

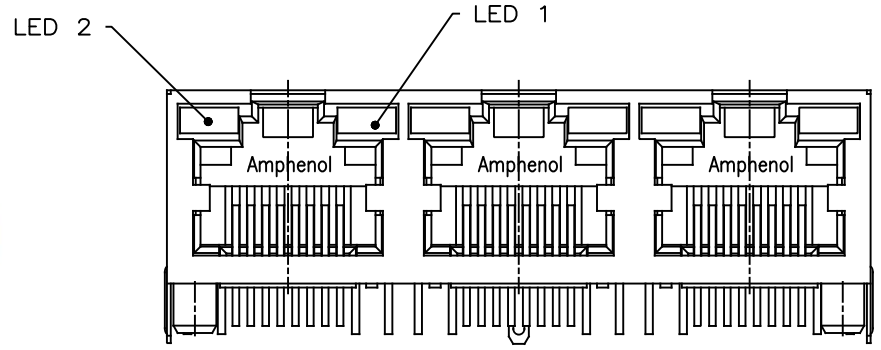
GOLD PLATING
E=RJ45 FLAT CONTACT 6u"
G=RJ45 FLAT CONTACT 15u"
J=RJ45 FLAT CONTACT 30u"
5=RJ45 FLAT CONTACT 50u"

REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

UNLESS SPECIFIED OTHERWISE	DRAWN W.QIU	DATE AUG27/19	Amphenol Canada Corp. Commercial Products
PRIMARY UNITS INCH	CHECKED L.CHAN	AUG27/19	
SECONDARY MILLIMETERS	M.E. APP'D		TITLE: RJHSE SERIES, THREE PORT MODULAR JACK, 8 POSITIONS & 8 CONTACTS PER PORT, SHIELDED WITH LED, - RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE ±0.025	ENG. REL. NO.		DWG. NO. P-RJHSE-XF8X-03X REV B
2 DECIMAL PLACES ±0.020	REF.		
3 DECIMAL PLACES ±0.015	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: C SCALE: N/A SHEET 1 OF 2
ANGULAR DEGREES ±1.0°			

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.

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL DRAWING	AUG 27/19	L.CHAN
B	REVISE DRAWING NO	MAR25/22	L.CHAN



TYPICAL FOR SINGLE & MULTI-PORT

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

EXAMPLE:
PART NUMBER RJHSE-XF8X-03
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-XF8W-03Y
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	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 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.

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.

UNLESS SPECIFIED OTHERWISE	DRAWN W.QIU	DATE AUG27/19
PRIMARY UNITS INCH	CHECKED L.CHAN	AUG27/19
SECONDARY MILLIMETERS	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	DO NOT SCALE DRAWING
ANGULAR DEGREES ±1.0°		

Amphenol Canada Corp.
Commercial Products

TITLE
RJHSE SERIES, THREE PORT MODULAR JACK, 8 POSITIONS & 8 CONTACTS PER PORT, SHIELDED WITH LED, - RoHS COMPLIANT

DWG. NO. P-RJHSE-XF8X-03X REV B

CODE ID NO. 03554 | DWG SIZE: C | SCALE: N/A | SHEET 2 OF 2