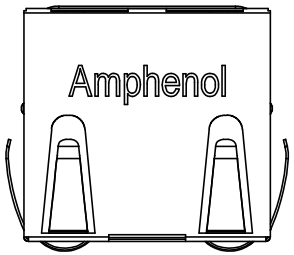
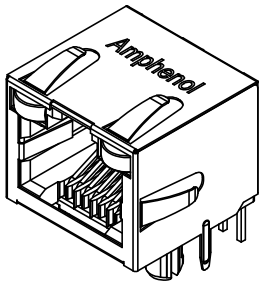
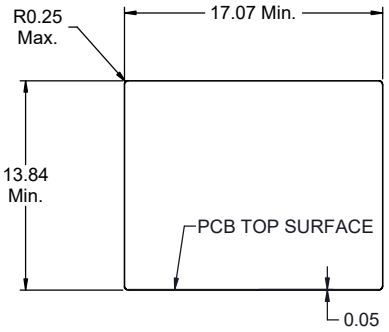
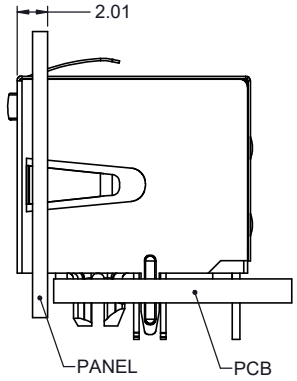
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL DRAWING	APR18/22	L.CHAN

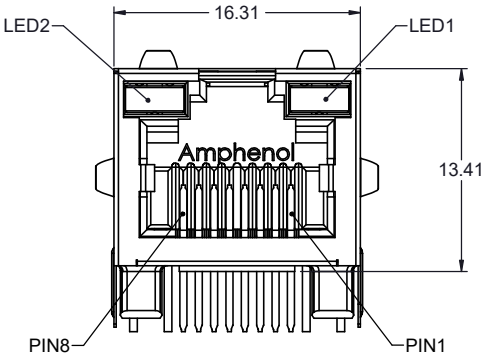


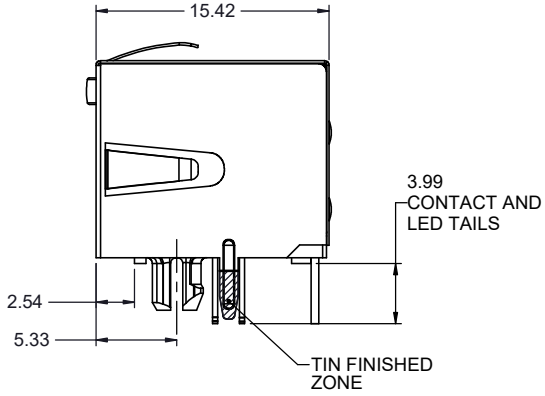


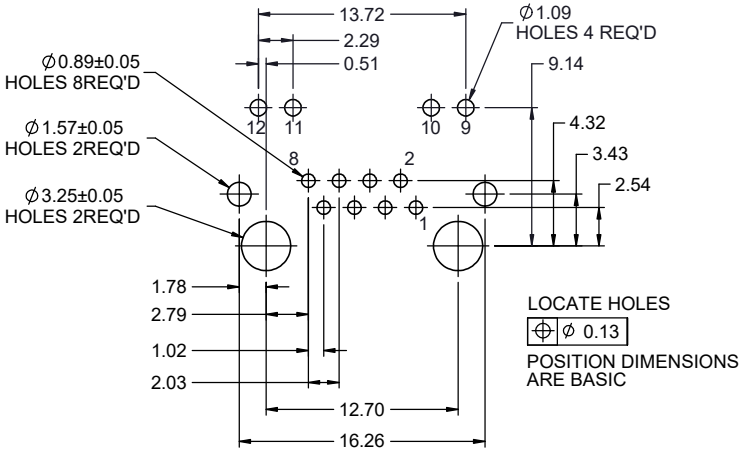


RECOMMENDED PANEL CUTOUT

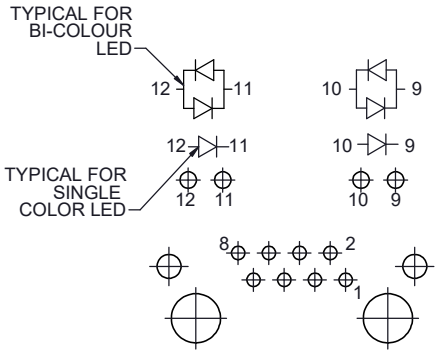








RECOMMENDED P.C.B. LAYOUT
(COMPONENT SIDE OF BOARD)
TOLERANCE: ± 0.05



LED SCHEMATIC

MATERIALS:

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

CONTACTS: PHOSPHOR BRONZE
PLATING: GOLD ON MATING SURFACES
(SEE PART NO. FOR THICKNESS).
50 u" [1.27 MICRONS]
MIN. NICKEL UNDERPLATE
100 u" [2.54 MICRONS]
MIN. MATTE TIN ON CONTACT TAILS.

SHIELD: STAINLESS STEEL WITH MATTE TIN PLATING
ON SOLDER TAIL

RECOMMENDED SOLDERING TEMPERATURE:
WAVE SOLDERING AT 260 °C MAXIMUM FOR 6~8 SEC
MAXIMUM

TRAY PACKAGING: 120PCS/TRAY, 1440PCS/CARTON

PART NUMBER: RJHSE-X48X-H1X

REFER TO LED OPTIONS DRAWING
FOR ORDERING CODES

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

AMPHENOL CANADA CORP
RoHS
COMPLIANT
2011/65/EU RECAST

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UNLESS SPECIFIED OTHERWISE	DRAWN	W.QIU	APR18/22
PRIMARY UNITS MILLIMETERS	CHECKED	KELVIN.T	APR18/22
SECONDARY	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	L.CHAN	APR18/22
1 DECIMAL PLACE ±0.50	ENG. REL. NO.		
2 DECIMAL PLACES ±0.38	REF.		
3 DECIMAL PLACES ±0.25	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING
ANGULAR DEGREES ±1.5°			

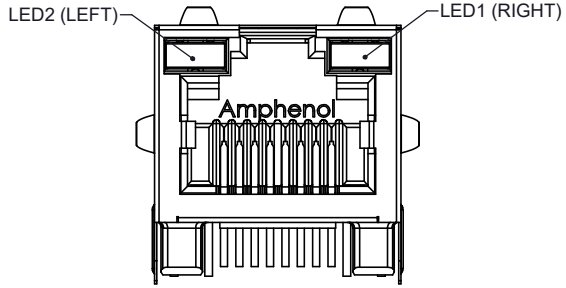
Amphenol Canada Corp.
Commercial Products

MODULAR JACK, RJ45, 8P8C, SHIELD WITH TOP AND SIDE TABS, WITH HIGH TEMP LEDS, .130" LENGTH TAIL - RoHS COMPLIANT

DWG. NO.	REV
P-RJHSE-X48X-H1X	A

CODE ID NO. 03554 | DWG SIZE: X | SCALE: 4:1 | SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL DRAWING	APR18/22	L.CHAN



TYPICAL FOR SINGLE & MULTI-PORT

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

EXAMPLE:

PART NUMBER RJHSE-X48X-H1

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-X48W-H1Y

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 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.

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DWG. NO. P-RJHSE-X48X-H1X REV A

CODE ID NO. 03554 | DWG SIZE: X | SCALE: 4:1 | SHEET 2 OF 2