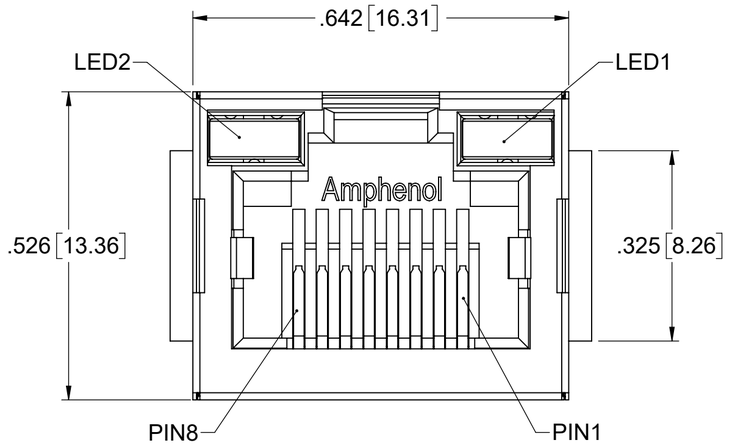
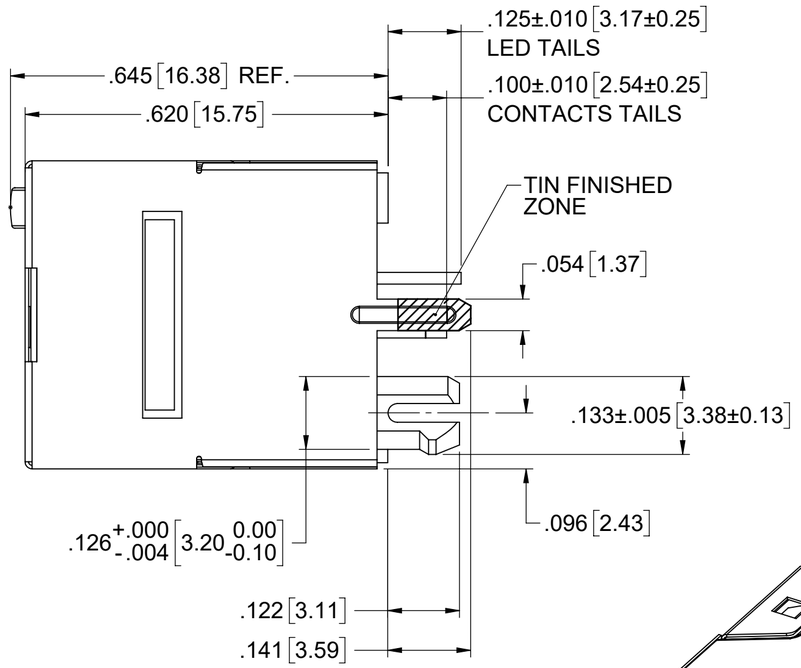
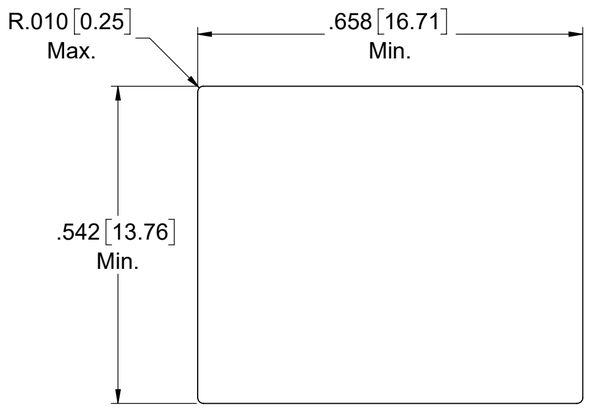
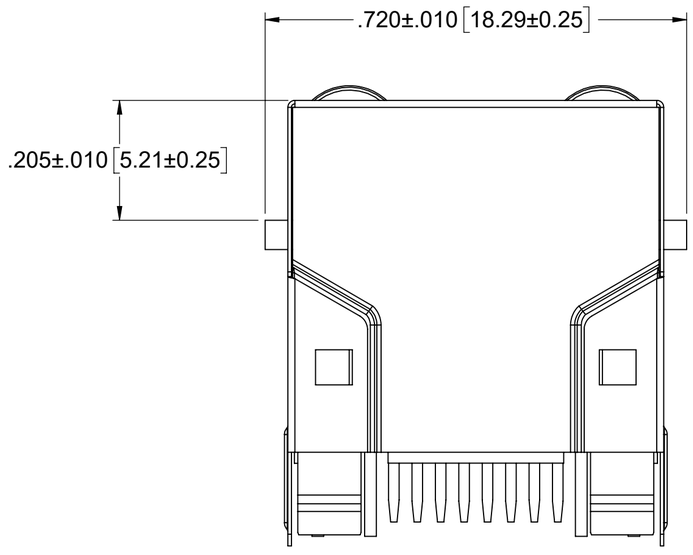
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
U	RIVISE THE TITLE BLOCK	AUG01/23	K.T.
W	MODIFY THE STANOFF	OCT09/24	K.T.

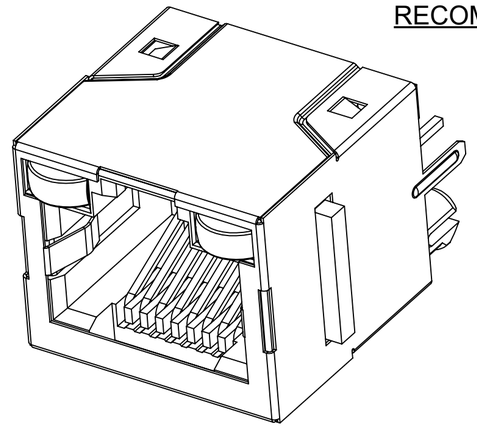






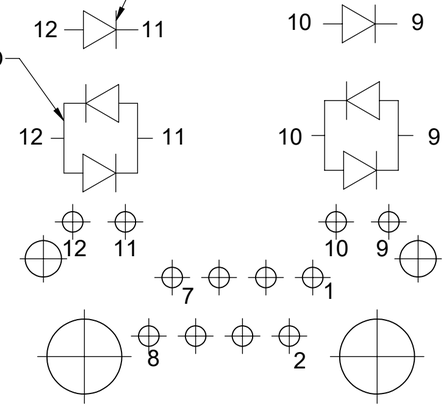
RECOMMEND PANEL CUTOUT





TYPE FOR SINGLE COLOR LED RED,GREEN OR YELLOW

TYPICAL FOR BI-COLOR LED



LED SCHEMATIC

MATERIALS:

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

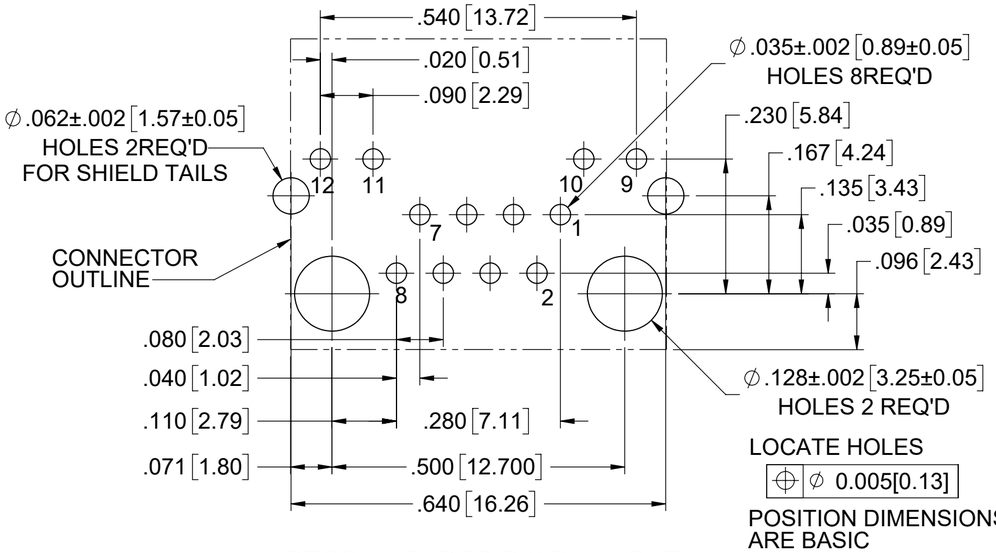
CONTACTS: PHOSPHOR BRONZE
(FLAT) PLATING: 30µ" [0.76 MICRONS]
MIN. GOLD ON MATING SURFACES.
50µ" [1.27 MICRONS]
MIN. NICKEL UNDERPLATE
100µ" [2.54 MICRONS]
MIN. MATTE TIN ON CONTACT TAILS.

SHIELD: STAINLESS STEEL WITH TIN FINISHED ON SOLDER TAILS.

PACKAGING: TRAY PACKAGING, 110PCS/TRAY, 1320PCS/CARTON

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

AMPHENOL PART NUMBER: RJHSE-338X
REFER TO LED OPTION DRAWING FOR ORDERING CODE



RECOMMENDED P.C.B LAYOUT
COMPONENT SIDE OF BOARD

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

UNLESS SPECIFIED OTHERWISE	DRAWN	L.CHAN	NOV05/04
PRIMARY UNITS INCHES	CHECKED	K.LAMBIE	NOV05/04
SECONDARY MILLIMETERS	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE ±.025	ENG. REL. NO.		
2 DECIMAL PLACES ±.020	REF.		
3 DECIMAL PLACES ±.015	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING
ANGULAR DEGREES ±1.0°			

Amphenol Canada Corp.
Commercial Products

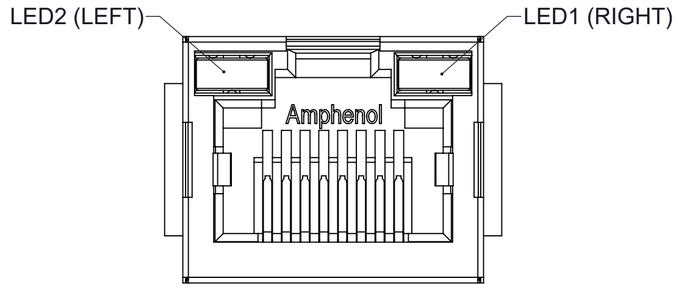
MODULAR JACK, RJ45, SINGLE PORT, VERTICAL MOUNT, 8P8C, SHIELD WITH LED OPTIONS, RoHS COMPLIANT

DWG. NO.	REV
P-RJHSE-338X	W

CODE ID NO.	DWG SIZE:	SCALE:	SHEET
03554	X	5:1	1 OF 2

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
U	RIVISE THE TITLE BLOCK	AUG01/23	K.T.
W	MODIFY THE STANOFF	OCT09/24	K.T.



TYPICAL FOR SINGLE & MULTI-PORT

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

EXAMPLE:

PART NUMBER RJHSE-338X

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-338W-01Y

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 MAX.
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.

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

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	L.CHAN	NOV05/04
PRIMARY UNITS INCHES	CHECKED	K.LAMBIE	NOV05/04
SECONDARY MILLIMETERS	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE ±.025	ENG. REL. NO.		
2 DECIMAL PLACES ±.020	REF.		
3 DECIMAL PLACES ±.015	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING
ANGULAR DEGREES ±1.0°			

Amphenol Canada Corp.
Commercial Products

MODULAR JACK, RJ45, SINGLE PORT, VERTICAL MOUNT, 8P8C, SHIELD WITH LED OPTIONS, RoHS COMPLIANT

DWG. NO.	REV
P-RJHSE-338X	W

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