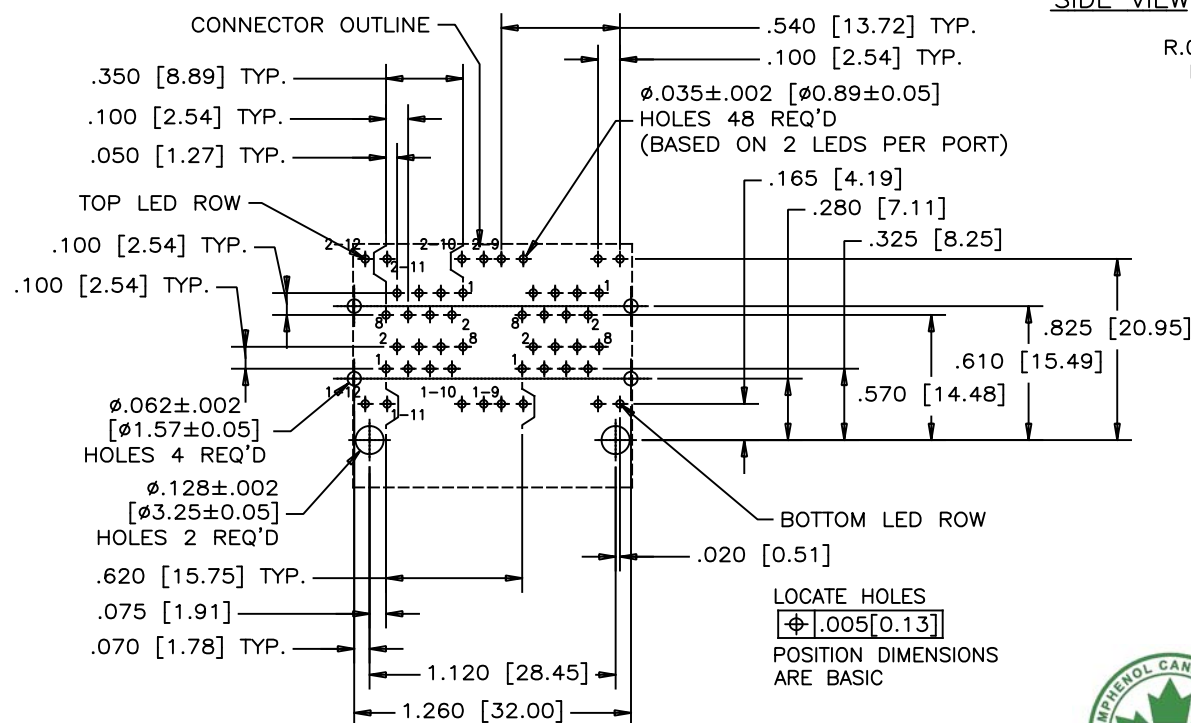
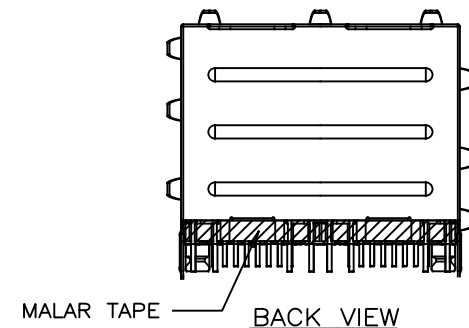
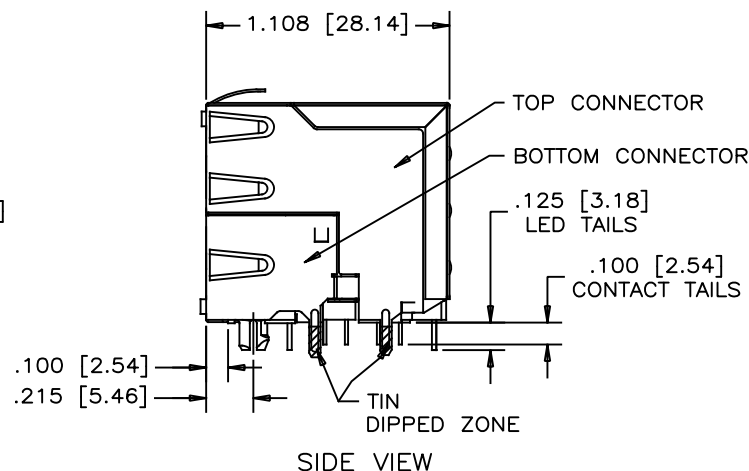
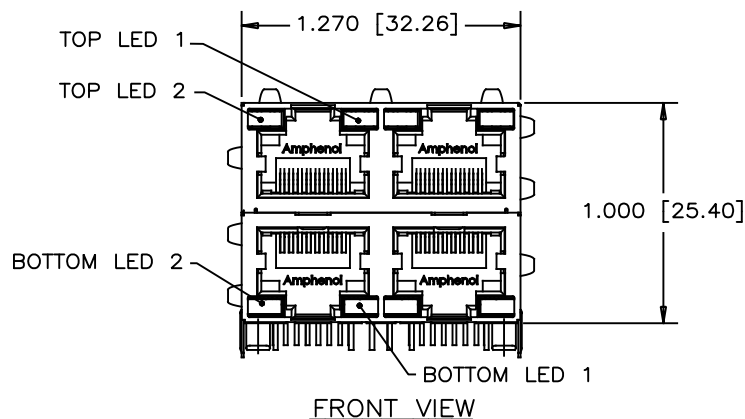
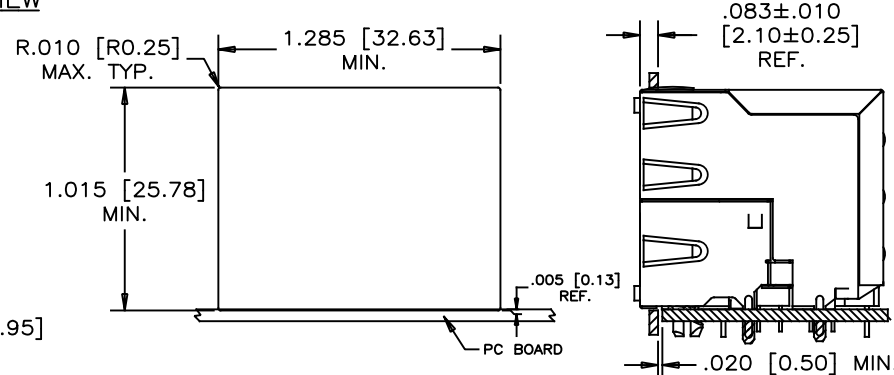




RECOMMENDED P.C.B. LAYOUT
(COMPONENT SIDE OF BOARD)



RECOMMENDED PANEL CUTOUT

MATERIALS:

HOUSING: ENGINEERING THERMOPLASTIC.
FLAMMABILITY RATING UL 94V-0, COLOUR: BLACK

CONTACTS: PHOSPHOR BRONZE
PLATING: REFER TO PART NUMBER FOR GOLD THICKNESS ON MATING SURFACE.
50µ" [1.27 MICRONS]
MIN. NICKEL UNDERPLATE.
100µ" MIN. MATTE TIN OR GOLD FLASH ON CONTACT AILS.

SHIELD: COPPER ALLOY
PLATING: NICKEL WITH TIN DIPPED PCB TAILS.

RECOMMENDED SOLDERING TEMPERATURE:
WAVE SOLDERING AT 260°C MAXIMUM FOR 5~8 SECONDS.

AMPHENOL PART NUMBER: RJSAE-X38X-04X

GOLD PLATING
5 = 50 u" GOLD
J = 30 u" GOLD
G = 15 u" GOLD
D = 6 u" GOLD

REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

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UNLESS SPECIFIED OTHERWISE		DRAWN	HANSON.C	NOV21/17	Amphenol Canada Corp. Commercial Products	
PRIMARY UNITS	INCHES	CHECKED	AMY.Z	NOV21/17		
SECONDARY	MILLIMETERS	M.E. APP'D			STACKABLE MULTI-PORT MODULAR JACK SHIELDED, 4 PORT, 2 PIECE CONSTRUCTION 8 POSITION, 8 CONTACTS, WITH LED OPTIONS-RoHS COMPLIANT	
REFERENCE IN PARENTHESES		Q.A. APP'D				
GENERAL TOLERANCES		DWG APP'D			P-RJSAE-X38X-04X	
1 DECIMAL PLACE		ENG. REL. NO.				
2 DECIMAL PLACES		REF.			DO NOT SCALE DRAWING	
3 DECIMAL PLACES	±.015	THIRD ANGLE PROJECTION				
ANGULAR DEGREES	±1.5°	DWG NO.			CODE ID NO. 03554 DWG SIZE X SCALE N/A SHEET 1 OF 2	
		EAR#: RJ17222			REV C	

REVIEWS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING	NOV21/17	L.CHAN
B	ADD BACK VIEW	MAR19/18	L.CHAN
C	ADD LED INFORMATION	AUG28/20	L.CHAN

LED SPECIFICATIONS:

FORWARD VOLTAGE:

1.8~2.4 VOLTS.(FOR SINGLE COLORS)

2.6~3.4 VOLTS.(FOR BI-COLORS)

REVERSE VOLTAGE: 5.0 VOLTS MAX.

LUMINOUS INTENSITY:

6~60 mcd (FOR SINGLE COLORS) (AT If=20mA)

3~15 mcd (FOR BI-COLORS) (AT If=20mA)

OPERATING TEMPERATURE: -40°C TO 85° C

WAVE 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

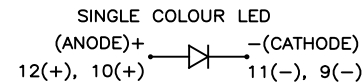
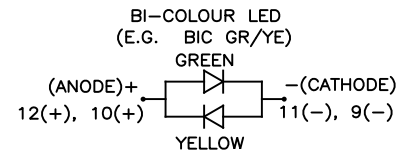
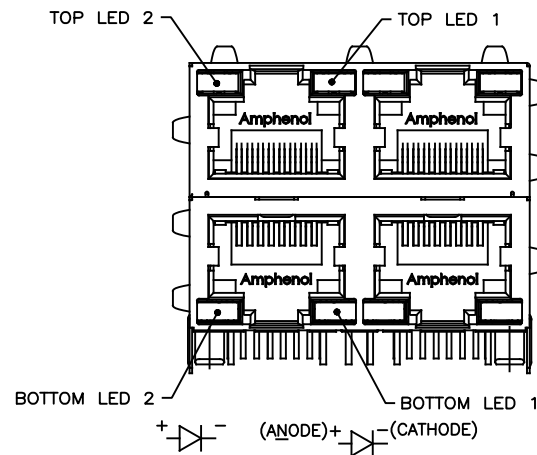
OR=ORANGE

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 HANSON.C		NOV21/17		Amphenol Canada Corp. Commercial Products			
PRIMARY UNITS INCHES		CHECKED AMY.Z		NOV21/17					
SECONDARY MILLIMETERS		M.E. APP'D				STACKABLE MULTI-PORT MODULAR JACK SHIELDED, 4 PORT, 2 PIECE CONSTRUCTION 8 POSITION, 8 CONTACTS, WITH LED OPTIONS-RoHS COMPLIANT			
REFERENCE IN PARENTHESES		Q.A. APP'D							
GENERAL TOLERANCES		DWG APP'D				DWG NO. P-RJSAE-X38X-04X			
1 DECIMAL PLACE		ENG. REL. NO.							
2 DECIMAL PLACES		REF.		EAR#: RJ17222		REV C			
3 DECIMAL PLACES ±.015		THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING					
ANGULAR DEGREES ±1.5°						CODE ID NO. 03554			
						DWG SIZE X		SCALE N/A	
								SHEET 2 OF 2	



LED SCHEMATIC

EXAMPLE:1

PART NUMBER RJSAE-538X-04

STANDARD LED COLOR CODE

EXAMPLE:2

PART NUMBER RJSAE-538U-04-XX

BOTTOM ASSY LED (SAME AS STANDARD CODE)

TOP ASSY LED (SAME AS STANDARD CODE)

SPECIAL CODE FOR TOP
& BOTTOM LEDS CONFIGURATION

STANDARD 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				
			U	SPECIAL CODE FOR TOP & BOTTOM LEDS CONFIGURATION				

EXAMPLE:3

PART NUMBER RJSAE-538W-04X

ADDITIONAL LED COLOR CODE

—DENOTES ADDITIONAL LED OPTIONS TO BE USED

ADDITIONAL 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	DO NOT USE		5	BLOCKED	YELLOW	A	LOWC YE	LOWC YE
1	RED	BLOCKED	6	RED	BiC RD/GR	B	LOWC YE	LOWC GR
2	BiC GR/OR	YELLOW	7	BLOCKED	BiC RD/GR	C	LOWC GR	LOWC YE
3	YELLOW	RED	8	BiC RD/GR	BLOCKED	D	LOWC GR	LOWC GR
4	BLOCKED	RED	9	BiC GR/YE	BLOCKED	M	LOWC RD	LOWC YE
			N	GREEN	BiC GR/OR	E	GREEN	ORANGE
			F	ORANGE	GREEN	G	BiC YE/GR	BiC YE/GR
			P	BiC RD/YE	GREEN	R	BiC RD/YE	BiC RD/YE
			T	BiC GR/YE	BiC RD/GR	H	BLUE	RED
			L	YELLOW	BiC YE/GR			