

NOTES:

1. MATERIALS:
CONTACTS:

PHOSPHOR BRONZE, SELECTIVELY PLATED
GOLD PLATING ON MATING AREAS REFER TO
AMPHENOL PART NO.
50 MICROINCHES MIN. NICKEL OVERALL.
100 MICROINCHES MIN. MATTE TIN OR GOLD FLASH ON TAILS.

- HOUSING:

ENGINEERING PLASTIC.
FLAMMABILITY RATING UL 94V-0, BLACK

- SHIELD:

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

MYLAR TAPE: POLYESTER FILM. 0.06MM THICKNESS.

2. RECOMMENDED SOLDERING TEMPERATURE:

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


AMPHENOL PART NO.: RJSAE-X38X-04X

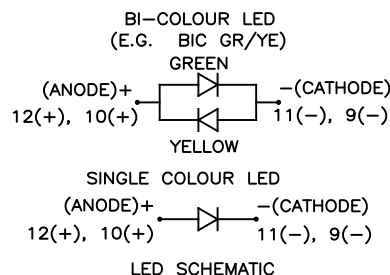
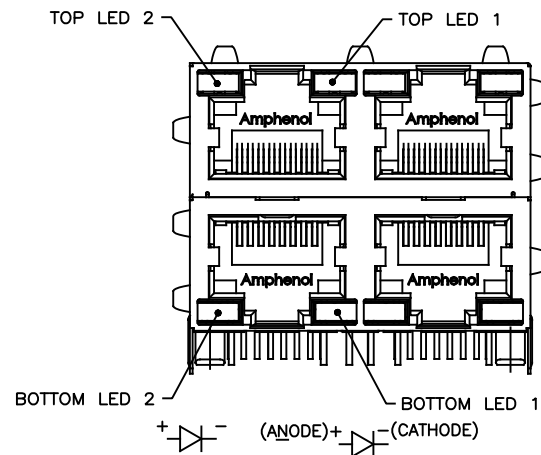
GOLD PLATING OPTION:
D=6u" GOLD PLATING
G=15u" GOLD PLATING
J=30u" GOLD PLATING
5=50u" GOLD PLATING

REFER TO LED
OPTIONS DRAWING FOR
ORDERING CODES



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		HANSON.C		NOV21/17		Amphenol Canada Corp.					
PRIMARY UNITS INCHES		CHECKED		AMY.Z		NOV21/17		Commercial Products					
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											
1 DECIMAL PLACE		ENG. REL. NO.						DWG NO. P-RJSAE-X38X-04X					
2 DECIMAL PLACES		REF.		EAR#:		RJ17222							
3 DECIMAL PLACES ±.015		THIRD ANGLE PROJECTION				DO NOT SCALE DRAWING		REV E					
ANGULAR DEGREES ±1.5°													
		CODE ID NO.		03554		DWG SIZE		X		SCALE N/A		SHEET 1 OF 2	



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
						V	BLUE	ORANGE

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	PROPOSAL DRAWING	NOV21/17	L.CHAN
B	ADD BACK VIEW	MAR19/18	L.CHAN
C	ADD LED INFORMATION	AUG28/20	L.CHAN
D	ADD DIMENSIONS MARKING	AUG25/21	L.CHAN
E	ADD NEW LED COLOR OPTION AND CORRECT THE LED PARAMETER PER EAR# RJ22034	JUN09/22	KELVIN

LED SPECIFICATIONS:
FORWARD VOLTAGE:

2.4 VOLTS MAX. @20mA (FOR SINGLE COLORS)
2.4 VOLTS MAX. @20mA (FOR BI-COLORS)

REVERSE VOLTAGE: 5.0 VOLTS MAX. (FOR SINGLE COLORS)
1.3 VOLTS MAX. (FOR BI-COLORS)

LUMINOUS INTENSITY:

4~30 mcd (FOR SINGLE COLORS) (AT If=20mA)
8~20 mcd (FOR BI-COLORS) (AT If=20mA)

OPERATING TEMPERATURE: -55°C TO 85°C

WAVE SOLDERING TEMPERATURE: 260°C (10 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
PRIMARY UNITS INCHES	CHECKED	AMY.Z	NOV21/17
SECONDARY MILLIMETERS	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D		
1 DECIMAL PLACE	ENG. REL. NO.		
2 DECIMAL PLACES	REF.	EAR#: RJ17222	
3 DECIMAL PLACES ±.015	THIRD ANGLE PROJECTION		
ANGULAR DEGREES ±1.5°	DO NOT SCALE DRAWING		

Amphenol Canada Corp.
Commercial Products

STACKABLE MULTI-PORT MODULAR JACK
SHIELDED, 4 PORT, 2 PIECE CONSTRUCTION
8 POSITION, 8 CONTACTS, WITH LED
OPTIONS-RoHS COMPLIANT

DWG NO.	P-RJSAE-X38X-04X	REV	E
CODE ID NO. 03554	DWG SIZE X	SCALE N/A	SHEET 2 OF 2