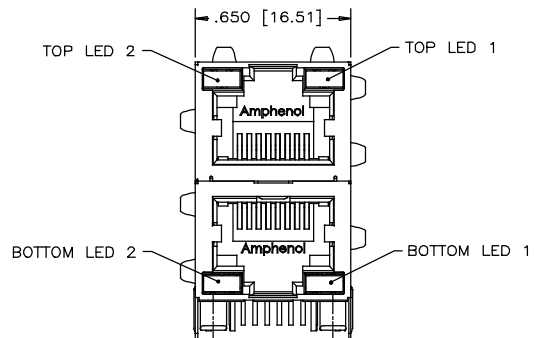
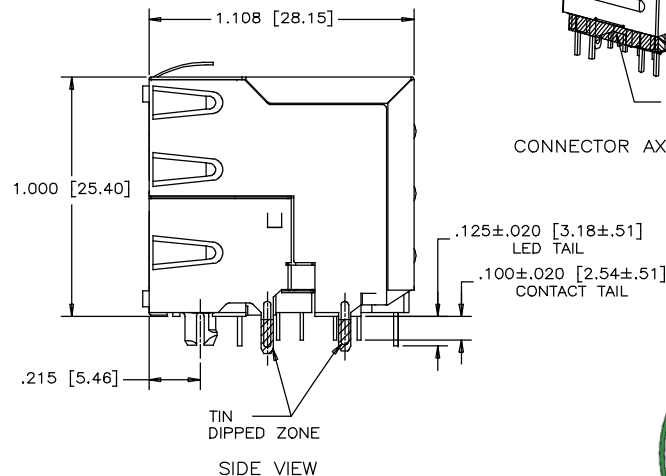
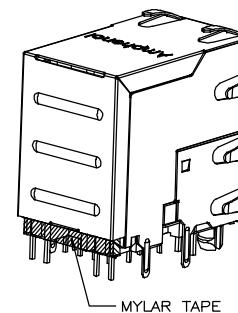




FRONT VIEW

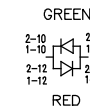


SIDE VIEW

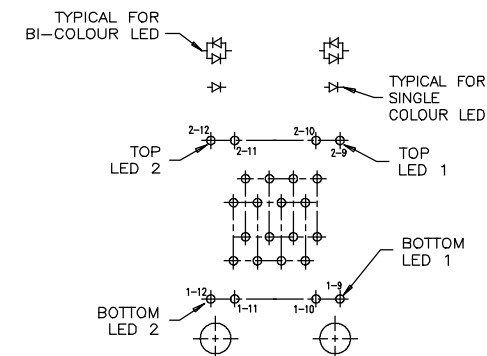


CONNECTOR AXONOMETRIC VIEW

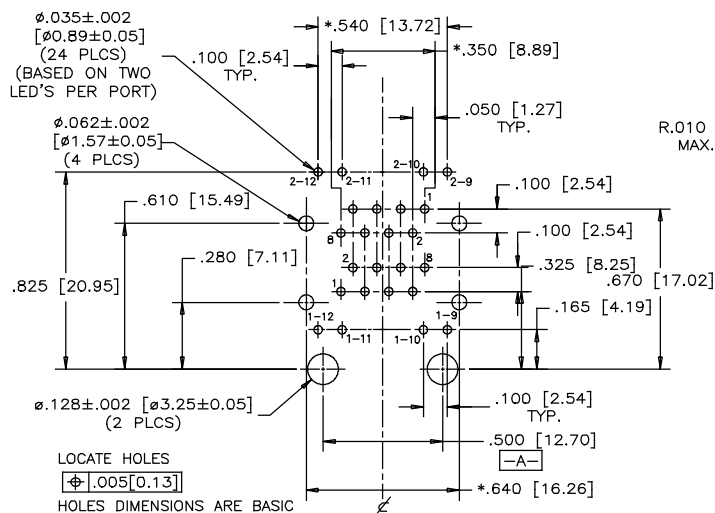
REVISIONS			
REV.	ECN, ERN NO.	DATE	APPRD.
A	PROPOSAL	AUG.31/15	L.CHAN
B	ADD MYLAR TAPE NOTES PER EAR# RJ18006	JAN.23/18	L.CHAN



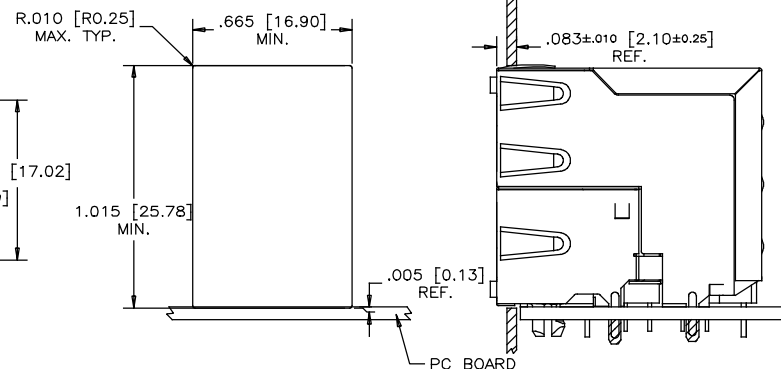
BI-COLOUR LED DETAIL
(GREEN/YELLOW, RED/YELLOW AND GREEN/ORANGE ARE ALSO AVAILABLE)



LED SCHEMATIC



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



RECOMMENDED PANEL CUTOUT



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.

RECOMMENDED SOLDERING TEMPERATURE:

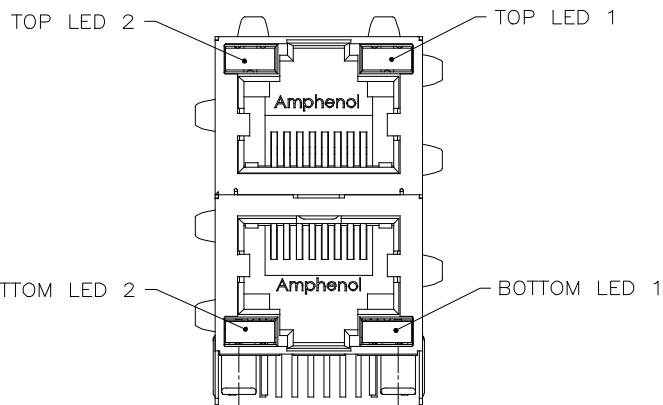
WAVE SOLDERING AT 260°C MAXIMUM FOR 5 SEC MAXIMUM

AMPHENOL PART NO.: RJSAE-X38X-02X

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

DIMENSIONS MARKED WITH * ARE SYMMETRICAL ABOUT
CENTER LINE AS DEFINED BY DATUM -A-

UNLESS SPECIFIED OTHERWISE		DRAWN JACK.GUO	AUG31/15	Amphenol Canada Corp. www.amphenolcanada.com	
PRIMARY UNITS INCHES	CHECKED				
SECONDARY MILLIMETERS	M.E. APP'D			STACKABLE 2x1 PORT MODULAR JACK, 8 POSITION, 8 CONTACTS, WITH LEDS, SHIELDED- RoHS COMPLIANT	
REFERENCE IN PARENTHESES	Q.A. APP'D				
1 DECIMAL PLACE	DWG APP'D L.CHAN	AUG31/15		DWG NO. P-RJSAE-X38X-02X	
2 DECIMAL PLACES	ENG. REL. NO.				
3 DECIMAL PLACES ±0.015	REF.			REV B	
ANGULAR DEGREES ±1.5°	THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING		CODE ID NO. 03554	DWG SIZE
				SCALE	SHEET 1 OF 1



TYPICAL FOR TWO & MULTI-PORT

(ANODE)+ (CATHODE)-

EXAMPLE:1

PART NUMBER RJSAE-***X-**

SEE NOTE 2
LED COLOR CODE

EXAMPLE:2

PART NUMBER RJSAE-***U-**-XX

SEE NOTE 2
SPECIAL CODE FOR TOP & BOTTOM LEDS CONFIGURATION
BOTTOM ASSY LED (SAME AS STD CODE)
TOP ASSY LED (SAME AS STD CODE)
SEE NOTE 2

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-***W-**X

SEE NOTE 2
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		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			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

EXAMPLE:4

PART NUMBER RJSAE-***X-**XX*

SEE NOTE 2
LED COLOR CODE
THE SAME AS
EXAMPLE 1, 2, 3
LED COLOR CODE
THE SAME AS
EXAMPLE 1, 2, 3
SEE NOTE 2

LED SPECIFICATIONS:

FORWARD VOLTAGE: 2.1 VOLTS TYP.

REVERSE VOLTAGE: 5.0 VOLTS MIN.

LUMINOUS INTENSITY: 0.5 mCd MIN.

(AT If=2mA)

STORAGE TEMPERATURE: -20° TO 85° C

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

NOTES:

1. THE TWO DIGITS PRECEDING THE
ADDITIONAL LED CODE MUST BE
USED IN THE PART NUMBER, WHEN
ORDERING ANY OF THE ADDITIONAL
LED OPTIONS.

2. '*' REPRESENT DIFFERENT OPTION OF
CONNECTOR, DETAIL OPTION PLEASE SEE
RELEVANT CONNECTOR DRAWING.



UNLESS SPECIFIED OTHERWISE		DRAWN PAUL WANG		JUL22/05	Amphenol Canada Corp.		
PRIMARY UNITS		CHECKED LAWRENCE C		JUL22/05	Commercial Products		
SECONDARY		M.E. APP'D			LED OPTIONS FOR RJSAE, MULTI-PORT CONNECTORS — RoHS COMPLIANT		
REFERENCE IN PARENTHESES		Q.A. APP'D					
GENERAL TOLERANCES		DWG APP'D					
1 DECIMAL PLACE		ENG. REL. NO.			DWG NO. P-RJSAE-LEDS		
2 DECIMAL PLACES		REF.					
3 DECIMAL PLACES		THIRD ANGLE PROJECTION			DO NOT SCALE DRAWING		REV L
ANGULAR DEGREES					CODE ID NO. 03554 DWG SIZE N/A SCALE N/A SHEET 1 OF 1		

Mouser Electronics

Authorized Distributor

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[RJSAE538WA4G](#) [RJSAE538WA8G](#) [RJSAE538WB2G](#) [RJSAE538WB4G](#)