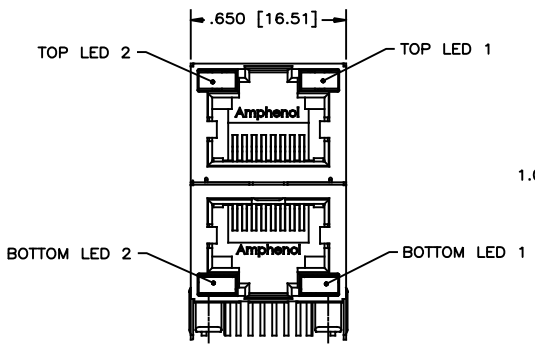
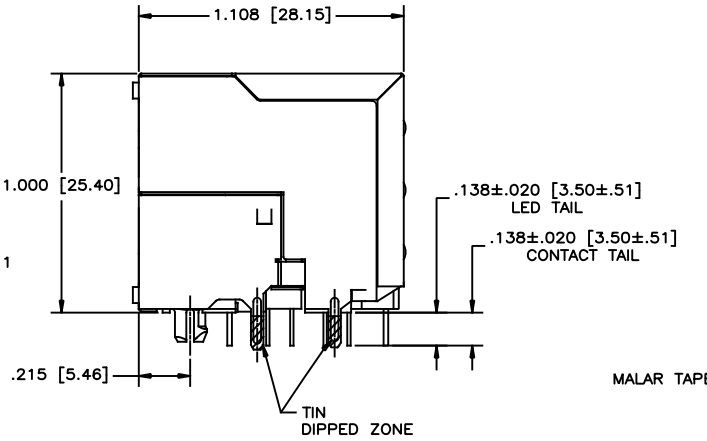
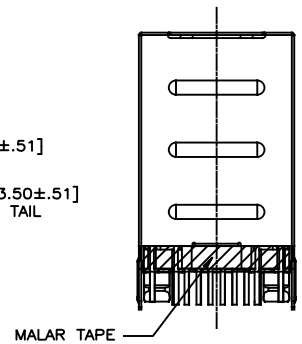
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL	APR11/20	L.CHAN



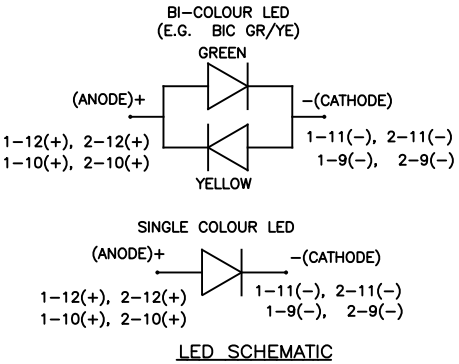
FRONT VIEW



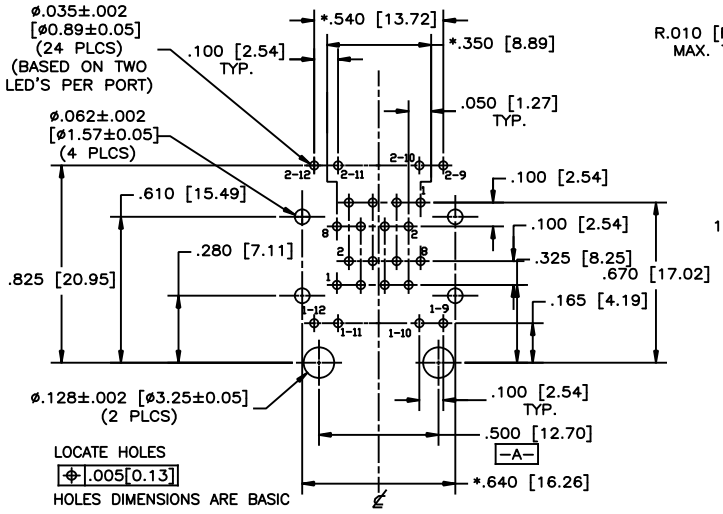
SIED VIEW



BACK VIEW

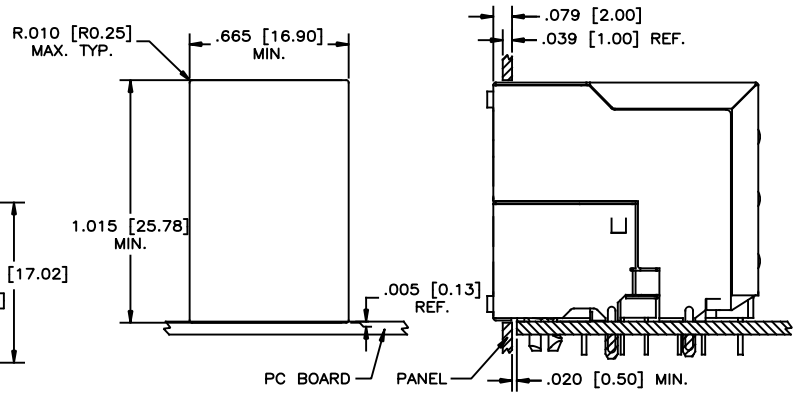


LED SCHEMATIC



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

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



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 THERMOPLASTIC
FLAMMABILITY RATING UL 94V–0, BLACK

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 NO.: RJSAE–XF8X–B2X

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

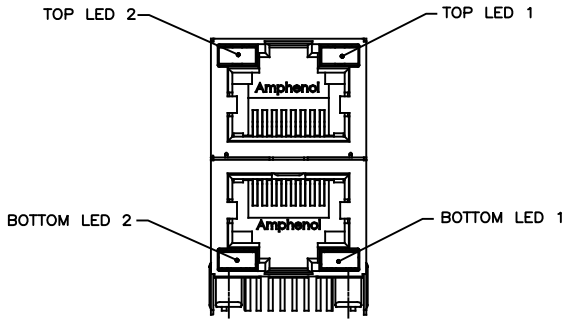
REFER TO PAGE 2 LED OPTIONS DRAWING FOR ORDERING CODES

AMPHENOL CANADA CORP RoHS COMPLIANT 2011/65/EU RECAST

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UNLESS SPECIFIED OTHERWISE	DRAWN RONNIE.C	APR11/20	Amphenol Canada Corp. Commercial Products
PRIMARY UNITS INCHES	CHECKED KELVIN.T	APR11/20	
SECONDARY MILLIMETERS	M.E. APP'D		STACKABLE 2X1 PORT MODULAR JACK, 8 POSITION, 8 CONTACTS, WITH LEDs, 0.138" TAILS,SHIELDED WITHOUT TAB, –RoHS COMPLIANT
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D		
1 DECIMAL PLACE ±0.025	ENG. REL. NO.		
2 DECIMAL PLACES ±0.020	REF.		DWG NO. P–RJSAE–XF8X–B2X REV A
3 DECIMAL PLACES ±0.015	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 | DWG SIZE X | SCALE N/A | SHEET 1 OF 2
ANGULAR DEGREES ±1.5°			

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PROPOSAL	APR11/20	L.CHAN



EXAMPLE:1

PART NUMBER RJSAE-XF8X-B2

GOLD PLATING OPTION, SEE PART NO.

LED COLOR CODE (STD CODE)

EXAMPLE:2

PART NUMBER RJSAE-XF8U-B2-XX

GOLD PLATING OPTION, SEE PART NO.

SPECIAL CODE FOR TOP & BOTTOM LEDS CONFIGURATION

BOTTOM ASSY LED (SAME AS STD CODE)

TOP ASSY LED (SAME AS STD CODE)

STANDARD 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-XF8W-B2X

GOLD PLATING OPTION, SEE PART NO.

DENOTES ADDITIONAL LED OPTIONS TO BE USED

ADDITIONAL LED COLOR CODE

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			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

LED SPECIFICATIONS:
FORWARD VOLTAGE: 1.8~3.4 VOLTS.
REVERSE VOLTAGE: 5.0 VOLTS MAX.
LUMINOUS INTENSITY: 3~60 mcd
(AT If=20mA)
STORAGE TEMPERATURE: -40° 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.

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3 DECIMAL PLACES ±0.015	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	CODE ID NO. 03554 | DWG SIZE X | SCALE N/A | SHEET 2 OF 2
ANGULAR DEGREES ±1.5°			