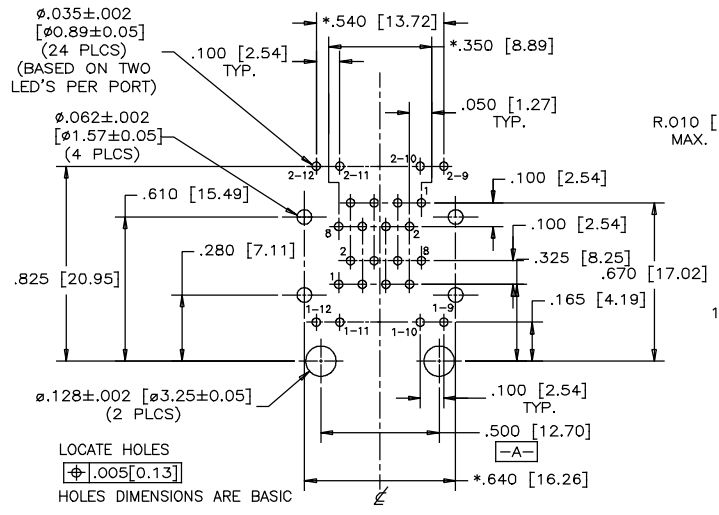
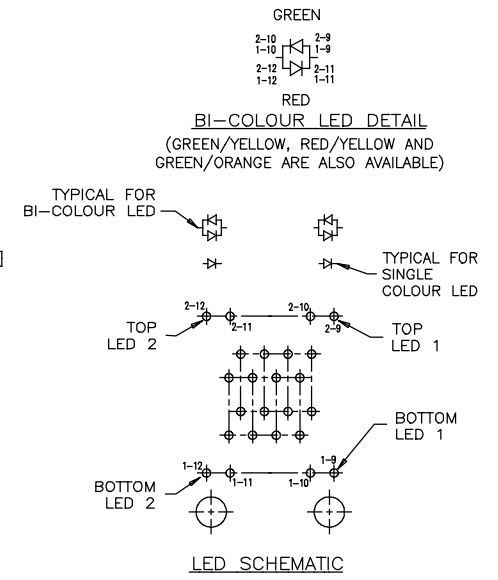
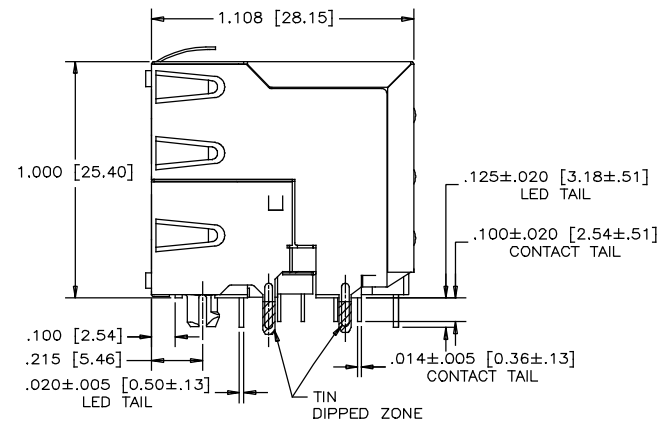
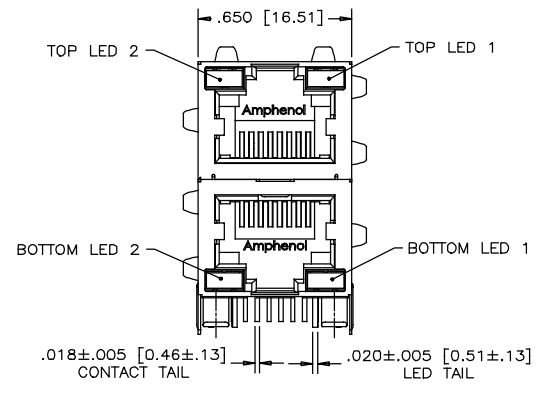
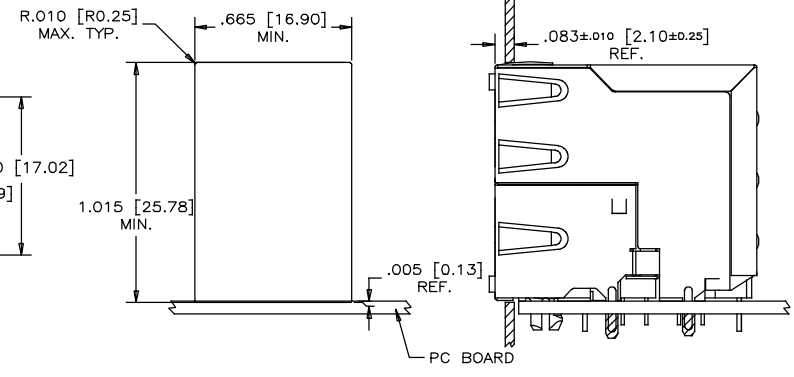


REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
F		PROPOSAL	SEP 13/12	A.G.
G		ADD DISTANCE BETWEEN PANEL AND CONNECTOR	MAY 06/13	L.CHAN
H		ADD OPERATING TEMPERATURE.	MAY 10/13	L.CHAN



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



RECOMMENDED PANEL CUTOUT

- MATERIALS:**
- CONTACTS:** PHOSPHOR BRONZE, SELECTIVELY PLATED WITH 50 MICROINCHES MIN. GOLD ON MATING AREAS. 50 MICROINCHES MIN. NICKEL OVERALL. 100 MICROINCHES MIN. MATTE TIN OR GOLD FLASH ON TAILS.
- HOUSING:** HIGH TEMPERATURE 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 SEC MAXIMUM
- DIELECTRIC WITHSTANDING VOLTAGE:** 1000 VAC PEAK, CONTACT TO CONTACT 1500 VAC PEAK, CONTACT TO SHIELD
- OPERATING TEMPERATURE:** -55 °C to +85 °C

AMPHENOL PART NO.: RJSAE-538X-02X
REFER TO LED OPTIONS DRAWING FOR ORDERING CODES

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

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DRAWN PAULW	DATE APR19/06
DESIGNED	
CHECKED CHIGOW	APR19/06
I. E. APPRD.	
Q. A. APPRD.	
DWG. APPRD.	
ENG. REL NO.	
REF. EAR RJ12064	
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554

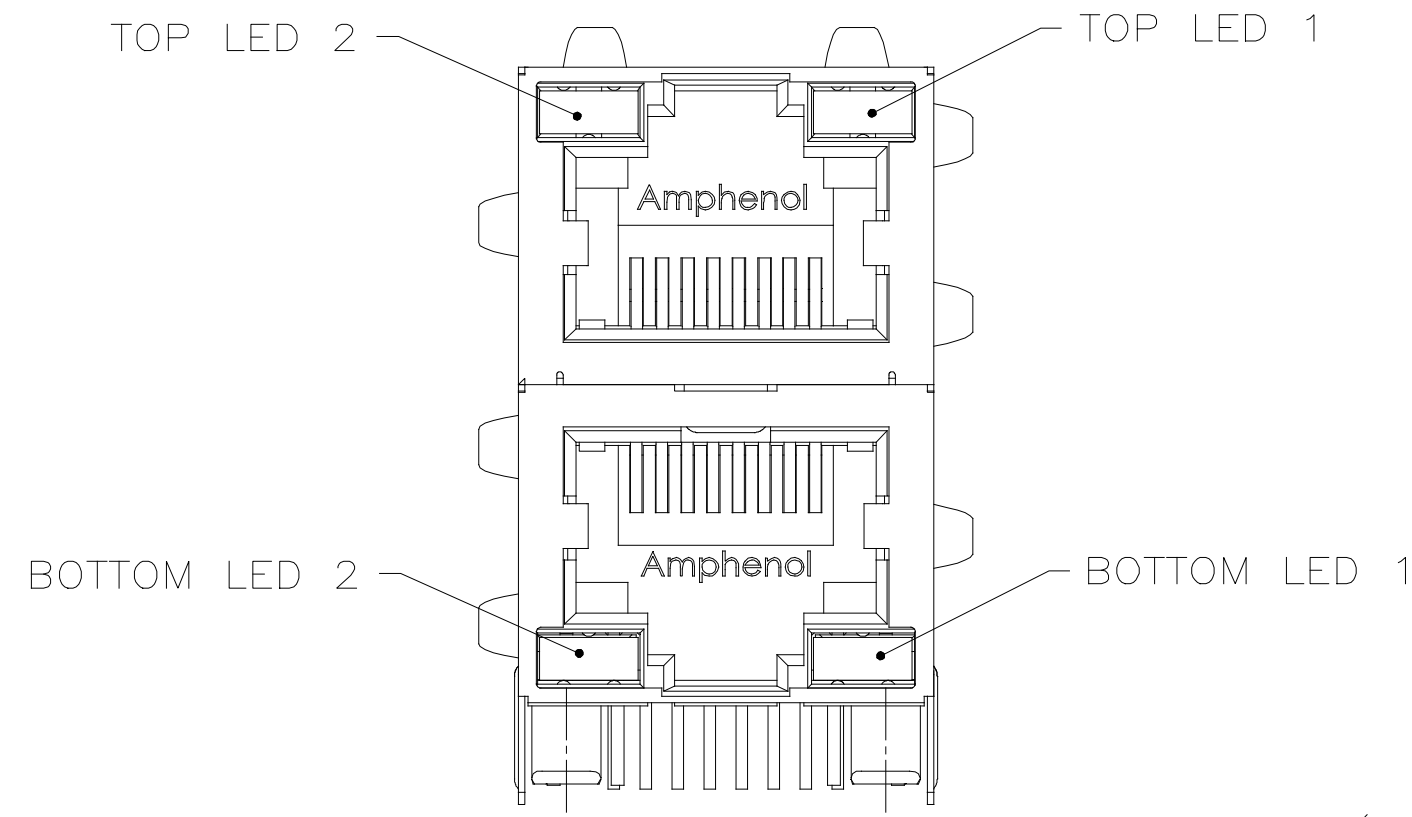
Amphenol Canada Corp.

TITLE
RJSAE SERIES 2x1 STACKABLE MODULAR JACK, 8 CONTACTS & 2 LED PER PORT, SHIELDED WITH SIDE GROUND TABS (2 PIECE CONSTRUCTION) - RoHS COMPLIANT

DWG. DRAWING NO. P-RJSAE-538X-02X REV. H

SCALE WT. _____ SURF. _____ SHEET 1 OF 1

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
H		PROPOSAL	JUL04/12	L.CHAN
J		UPDATE ROHS STAMP	JAN21/13	L.CHAN



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: -40° TO 85° C
 PLATING ON TAILS: TIN OR TIN/COPPER ALLOY OVER SILVER



EXAMPLE:1

PART NUMBER RJS AE-***X-**
 SEE NOTE 2 (pointing to first three asterisks)
 SEE NOTE 2 (pointing to last two asterisks)
 LED COLOR CODE

EXAMPLE:2

PART NUMBER RJS AE-***U-**-XX
 SEE NOTE 2 (pointing to first three asterisks)
 SEE NOTE 2 (pointing to last two asterisks)
 SPECIAL CODE FOR TOP & BOTTOM LEDS CONFIGURATION
 BOTTOM ASSY LED (SAME AS STD CODE)
 TOP ASSY LED (SAME AS STD CODE)

PRIMARY COLOR FOR BI-COLOR LEDS IN STANDARD ANODE/CATHODE CONFIGURATION IS:
 RED-GREEN= RED
 RED-YELLOW= RED
 GREEN-YELLOW= GREEN
 GREEN-ORANGE= GREEN

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			W	ADDITIONAL OPTIONS	
			U			U	SPECIAL CODE FOR TOP & BOTTOM LEDS CONFIGURATION	

LEGEND

BiC=BI-COLOR LED
 LOWC=LOW CURRENT LED
 YE=YELLOW
 GR=GREEN
 RD=RED
 OR=ORANGE

EXAMPLE:3

PART NUMBER RJS AE-***W-**X
 SEE NOTE 2 (pointing to first three asterisks)
 SEE NOTE 2 (pointing to last two asterisks)
 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
						P	BiC RD/YE	GREEN
						R	BiC RD/YE	BiC RD/YE
						T	BiC GR/YE	BiC RD/GR

EXAMPLE:4

PART NUMBER RJS AE-***X-**XX*
 SEE NOTE 2 (pointing to first three asterisks)
 SEE NOTE 2 (pointing to last two asterisks)
 SEE NOTE 2 (pointing to final asterisk)
 LED COLOR CODE THE SAME AS EXAMPLE 1, 2, 3
 LED COLOR CODE THE SAME AS EXAMPLE 1, 2, 3
 SEE NOTE 2

NOTES:

- THE TWO DIGITS PRECEDING THE ADDITIONAL LED CODE MUST BE USED IN THE PART NUMBER, WHEN ORDERING ANY OF THE ADDITIONAL LED OPTIONS.
- '*' REPRESENT DIFFERENT OPTION OF CONNECTOR, DETAIL OPTION PLEASE SEE RELEVANT CONNECTOR DRAWING.

DRAWN PAUL WANG	DATE 05/07/22
DESIGNED	
CHECKED TERRY	05/07/22
I. E. APPRD.	
Q. A. APPRD.	
DWG. APPRD.	
ENG. REL. NO.	
REF.	
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554

Amphenol Canada Corp.	
TITLE LED OPTIONS FOR RJS AE, MULTI-PORT CONNECTORS - RoHS COMPLIANT	
DWG	DRAWING NO. P-RJS AE-LEDS
REV.	J
SCALE	WT. ----- SURF. ----- SHEET 1 OF 1

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