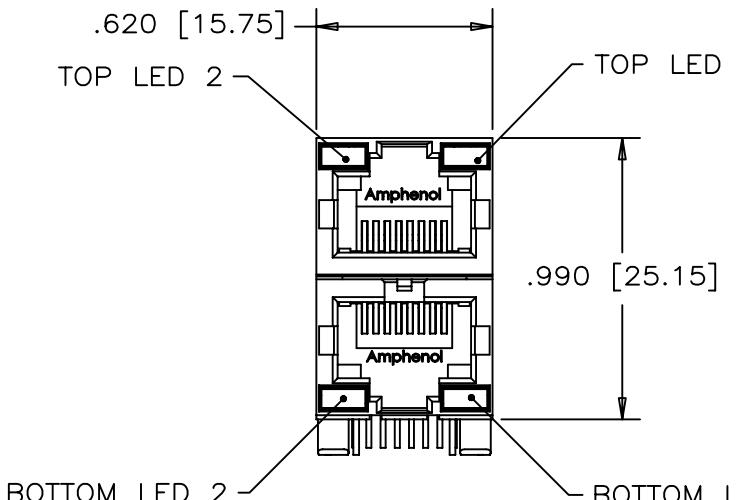
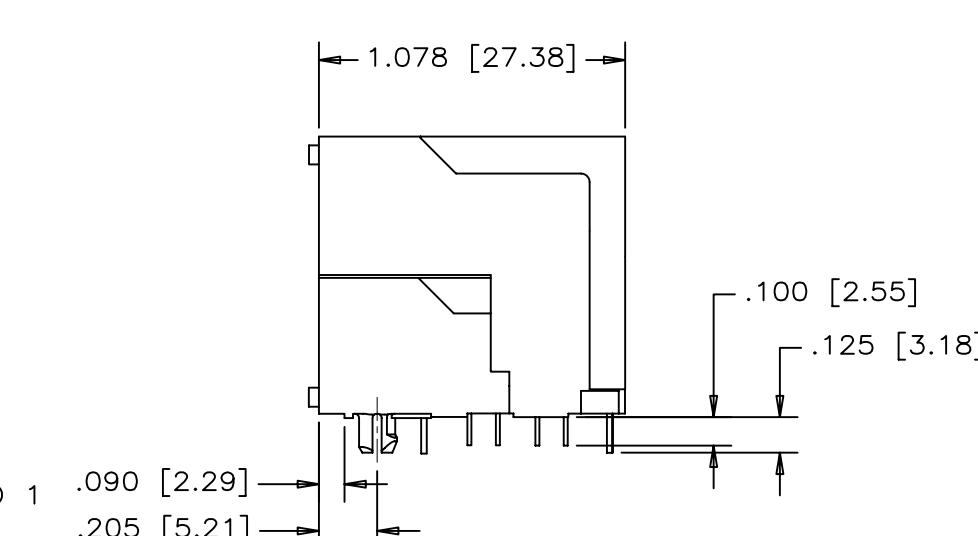


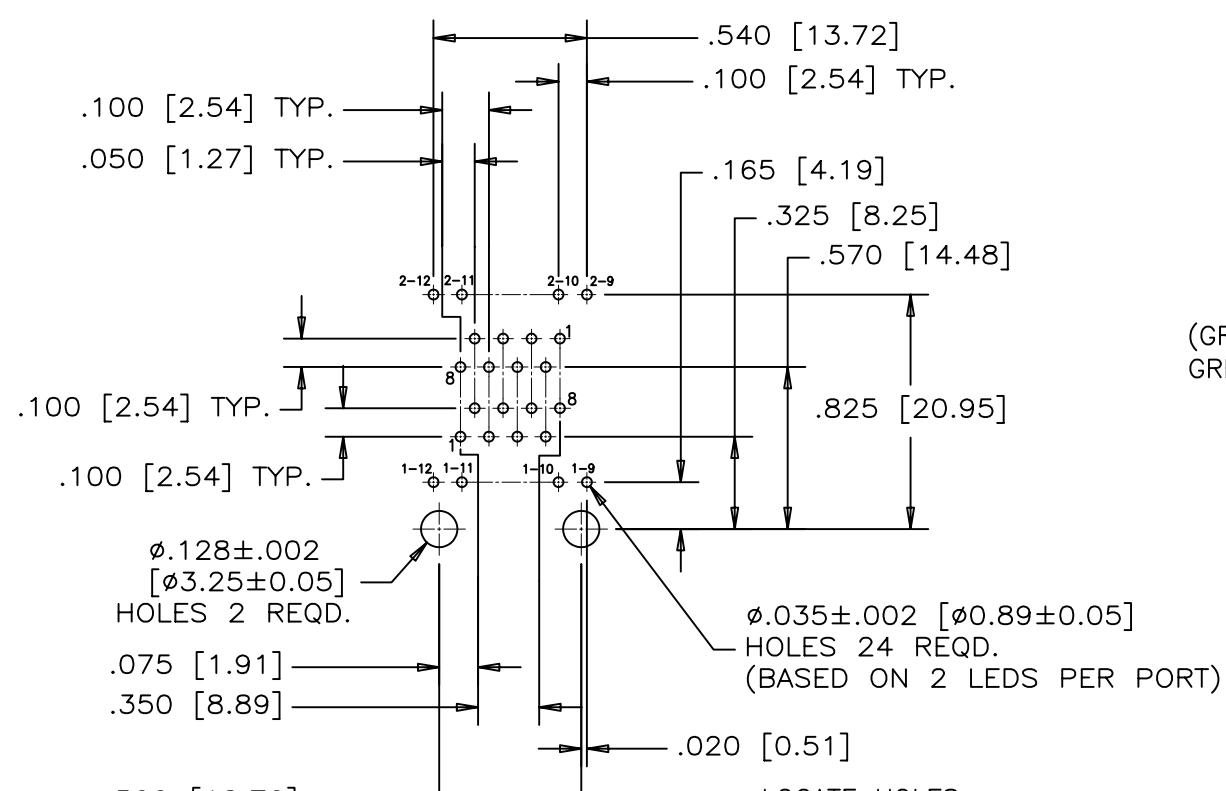
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
A		<i>PROPOSAL</i>	05/06/24	



FRONT VIEW

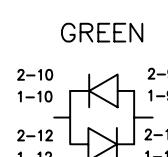


RECOMMENDED PANEL CUTOUT



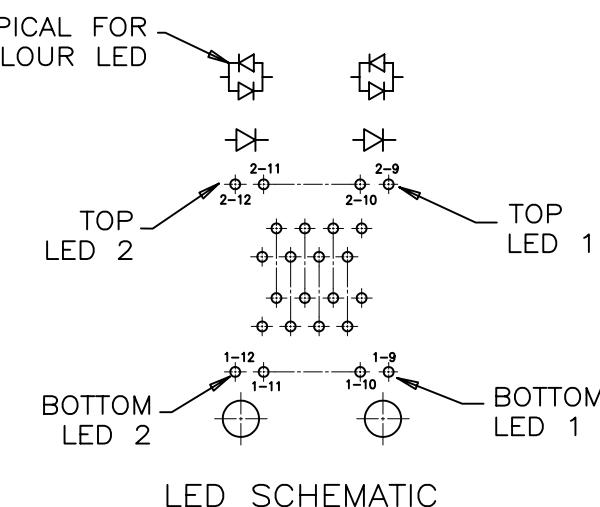
RECOMMENDED PCB LAYOUT (COMPONENT SIDE OF BOARD)

RED
BI-COLOUR LED DETAIL



REF

BI-COLOUR LED DETAIL



LED SCHEMATIC

MATERIALS

MATERIALS: HOUSING: HIGH TEMPERATURE ENGINEERING THERMOPLASTIC.
FLAMMABILITY RATING: UL 94V-0

CONTACTS: PHOSPHOR BRONZE

PLATING: 50μ " [1.27 MICRONS]
MIN. GOLD OVER MATING SURFACES.
 50μ " [1.27 MICRONS]
MIN. NICKEL UNDERPLATE.
 100μ " MIN. MATTE TIN ON CONTACT

PART NUMBER: RJSAE-508X-02X

REFER TO LED OPTIONS DRAWING
FOR ORDERING CODES

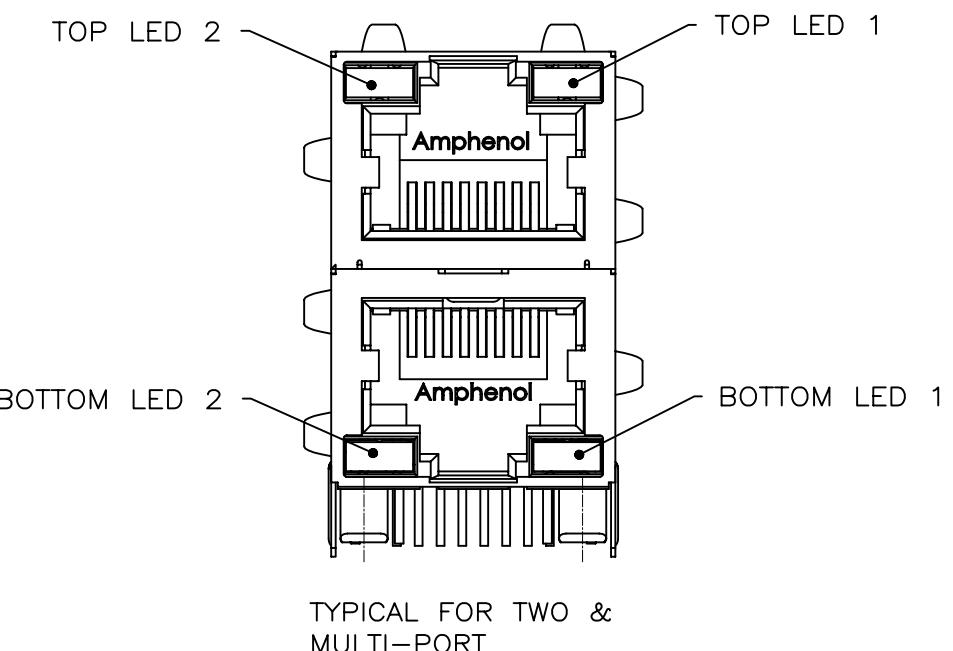
DRAWN	PWANG	DATE 05/06/24
DESIGNED		
CHECKED	L.CHAN	05/06/24
I. E. APPRD.		
Q. A. APPRD.		
DWG. APPRD.		
ENG. REL. NO.		
REF.	EAR# 12741	
DIMENSIONS ARE IN INCHES [mm]		CODE ID. NO. 03554

Amphenol Canada Corp.

TITLE 2x1 STACKABLE MODULAR JACK
8 POSITION, 8 CONTACTS, 2-PIECE CONSTRUCTION,
WITHOUT SHIELD, WITH LED OPTIONS
- RoHS COMPLIANT

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A	B	C	D	E	F
				REVISIONS	
SYM	ZONE	ECN, ERN NO.		DATE	APPRD.
A		PROPOSAL		05/04/28	



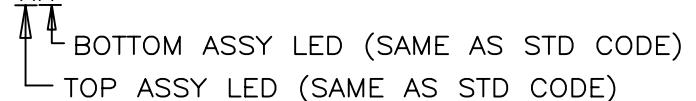
EXAMPLE:

PART NUMBER RJSAE-528X



EXAMPLE:

PART NUMBER RJSAE-538U-08-XX



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 OF ADDITIONAL LED OPTIONS:

PART NUMBER RJSAE-528X-A2X



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	GEEN	BiC GR/OR

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

LEAD SOLDERING TEMPERATURE: 260° C

(5 SEC, 1/16" FROM CASE)

PLATING ON TAILS: TIN PLATED

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.

DRAWN PAUL WANG	DATE 05/04/28
DESIGNED	
CHECKED	
I. E. APPRD.	
Q. A. APPRD.	
DWG. APPRD.	
ENG. REL. NO.	
REF.	
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554
SCALE	WT. -----
WT. -----	SURF. -----
	SHEET 1 OF 1

Amphenol Canada Corp.

TITLE
LED OPTIONS FOR RJSAE,
MULTI-PORT CONNECTORS

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REV.
A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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