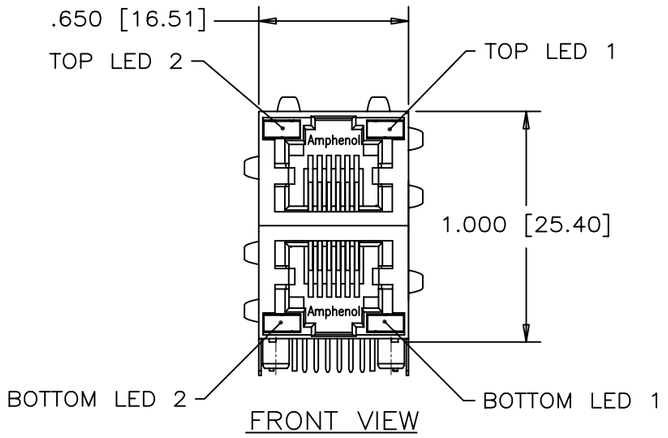
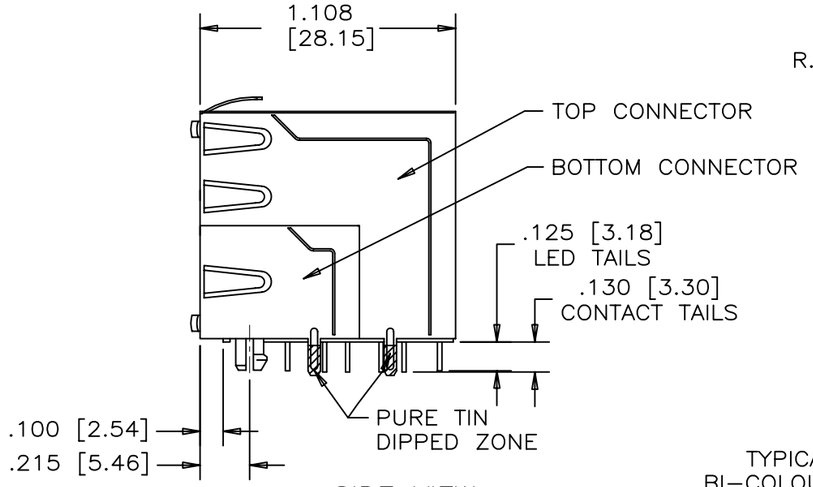
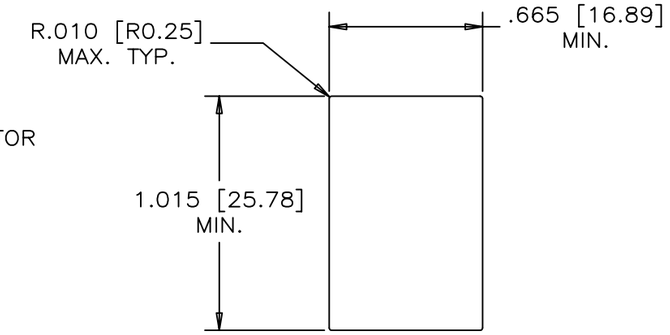
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
B		PROPOSAL	05/12/29	L.CHAN



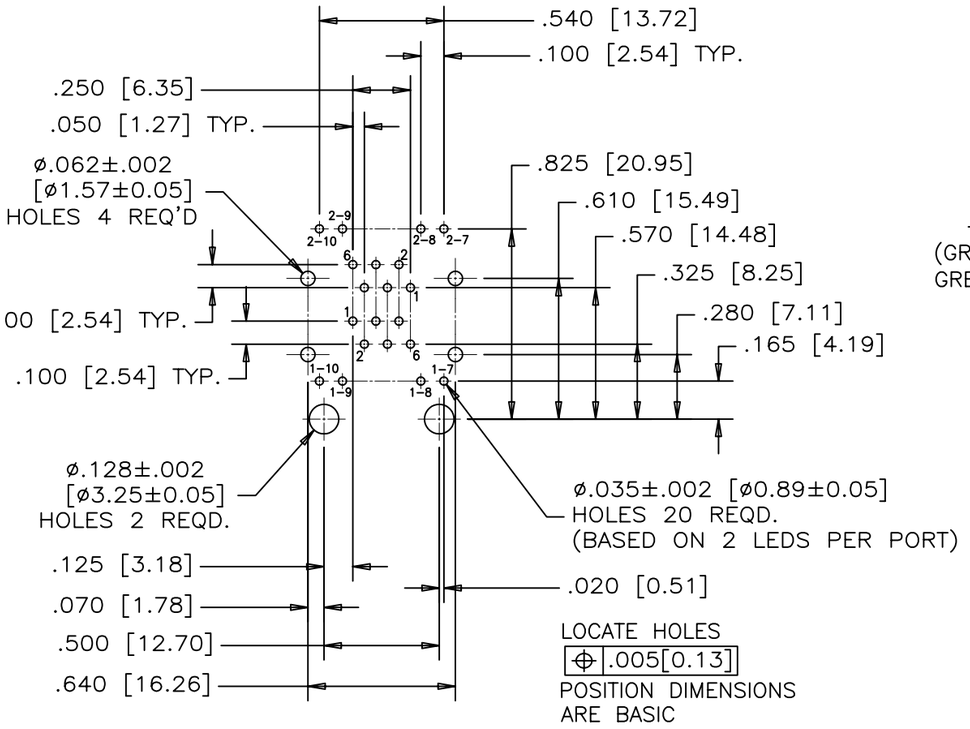
FRONT VIEW



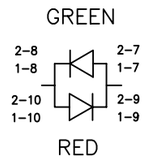
SIDE VIEW



RECOMMENDED PANEL CUTOUT

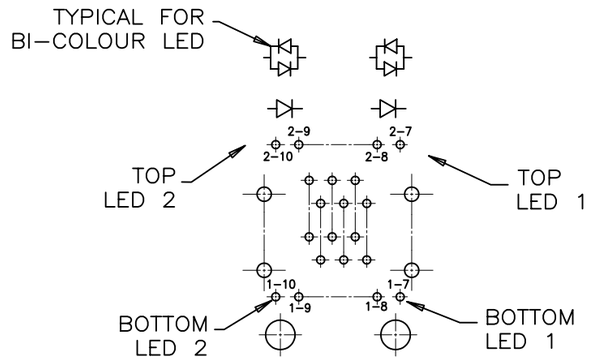


RECOMMENDED PCB LAYOUT
(COMPONENT SIDE OF BOARD)



BI–COLOUR LED DETAIL

(GREEN/YELLOW, RED/YELLOW AND
GREEN/ORANGE ARE ALSO AVAILABLE)



LED SCHEMATIC

MATERIALS:

HOUSING: HIGH TEMPERATURE 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 OR GOLD FLASH
ON CONTACT AILS.

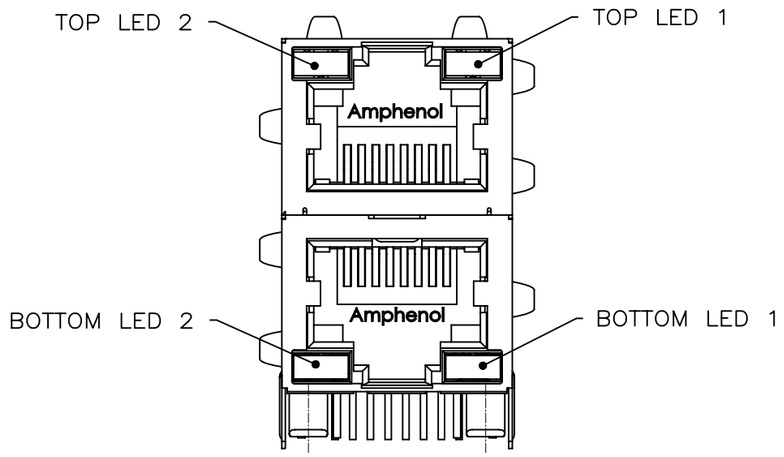
SHIELD: COPPER ALLOY
PLATING: NICKEL WITH PURE–=TIN DIPPED PCB TAIL.

PART NUMBER: RJSAE–736X–A2X
REFER TO LED OPTIONS DRAWING
FOR ORDERING CODES

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DRAWN *PWANG*	DATE *05/12/29*	Amphenol Canada Corp.
DESIGNED		
CHECKED *CHIGOW*	*05/12/29*	TITLE 2x1 STACKABLE MODULAR JACK (6 POS. 6 CONTACTS, WITH LEDS AND SHIELD) (2 PIECE CONSTRUCTION) – RoHS COMPLIANT .130 INCHES CONTACT TAIL LENGTH
I. E. APPRD.		
Q. A. APPRD.		
DWG. APPRD.		DWG DRAWING NO. P–RJSAE–736X–A2X REV. *B*
ENG. REL. NO.		
REF.		
DIMENSIONS ARE IN *INCHES [mm]*	CODE ID. NO. 03554	SCALE WT. ––––– SURF. ––––– SHEET *1* OF *1*

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
B		PROPOSAL	05/07/22	L.CHAN



TYPICAL FOR TWO & MULTI–PORT

EXAMPLE:
PART NUMBER RJSAE–528X
LED COLOR CODE

(ANODE)+ –(CATHODE)

EXAMPLE:
PART NUMBER RJSAE–538U–08–XX
BOTTOM ASSY LED (SAME AS STD CODE)
TOP ASSY LED (SAME AS STD 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 OF ADDITIONAL LED OPTIONS:
PART NUMBER RJSAE–528W–A2X
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	GEEEN	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 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.

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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 RJSAE, MULTI–PORT CONNECTORS – RoHS COMPLIANT

DWG	DRAWING NO.	REV.
	P–RJSAE–LEDS	B

SCALE | WT. ------ | SURF. ----- | SHEET 1 OF 1