

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

RECOMMENDED PANEL CUTOUT

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

LED SCHEMATIC

LOCATE HOLES  
Φ .005 [0.13]

POSITION DIMENSIONS  
ARE BASIC

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

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

MATERIALS:

CONTACTS: PHOSPHOR BRONZE, SELECTIVELY PLATED  
WITH 50 MICRO" GOLD ON MATING AREAS.  
50 MICRO" MIN. NICKEL OVERALL.  
100 MICRO" MIN. MATTE TIN OR GOLD FLASH ON TAILS.

HOUSING:

HIGH TEMPERATURE ENGINEER  
THERMOPLASTIC. COLOUR - BLACK.  
FLAMMABILITY RATING UL 94V-0

SHIELD:

COPPER ALLOY  
PLATING: NICKEL WITH PURE-TIN  
DIPPED PCB TAIL.

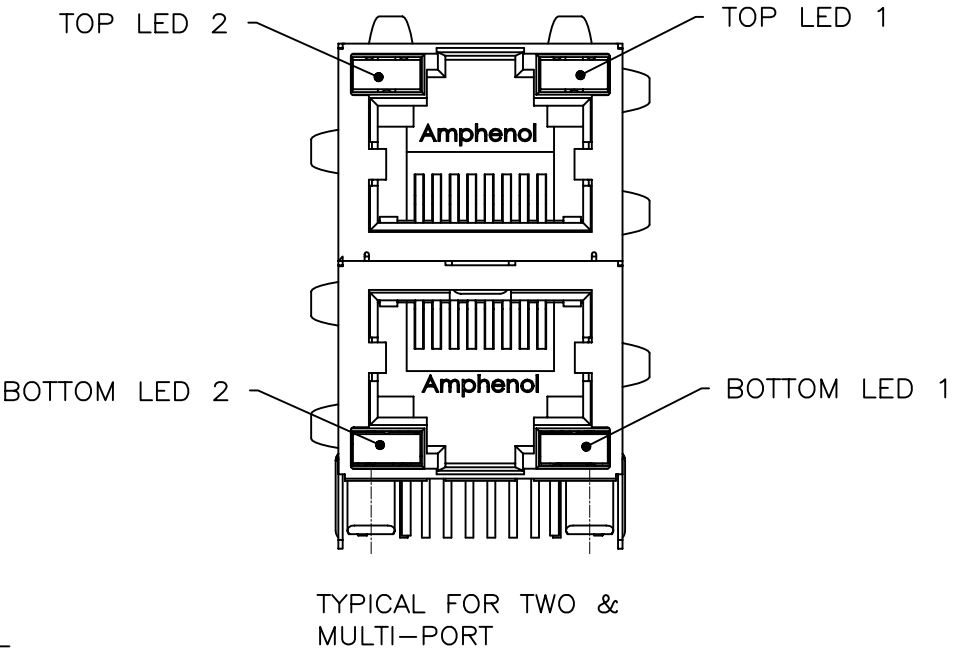
AMPHENOL PART NO.: RJSAE-528X-02X

REFER TO LED OPTIONS DRAWING FOR  
ORDERING CODES

DRAWN PWANG	DATE 05/12/29	Amphenol Canada Corp.		
DESIGNED				
CHECKED CHIGOW	05/12/29	TITLE 2x1 STACKABLE MODULAR JACK, FILTERED, 8 POS. 8 CONTACTS, WITH LED OPTIONS, SHIELDED, 2 PIECE CONSTRUCTION - RoHS COMPLIANT		
I. E. APPRD.		DWG	DRAWING NO. P-RJSAE-528X-02X	REV. B
Q. A. APPRD.				
DWG. APPRD.		SCALE	WT. -----	SURF. -----
ENG. REL. NO.				
REF.		SHEET 1 OF 1		
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554			

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EXAMPLE:

PART NUMBER RJSAE-528X



EXAMPLE:

PART NUMBER RJSAE-538U-08-XX

LED COLOR CODE

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.

DRAWN PAUL WANG	DATE 05/07/22	Amphenol Canada Corp.			
DESIGNED		TITLE LED OPTIONS FOR RJSAE, MULTI-PORT CONNECTORS - RoHS COMPLIANT			
CHECKED TERRY	05/07/22				
I. E. APPRD.					
Q. A. APPRD.					
DWG. APPRD.					
ENG. REL. NO.		DWG DRAWING NO. P-RJSAE-LEDS		REV. B	
REF.					
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	SCALE	WT. -----	SURF. -----	SHEET 1 OF 1

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