

Amphenol RJ45 Stackable

Reduces component and labour costs by incorporating LED's into the connector.

Meets Ethernet CAT 5 Performance

Stackable feature enables more ports with same board space.

For superior EMI performance, the option of configuring your connector with a ferrite filter is available.

Amphenol offers a wide variety of options:

- Ferrite filter
- Shielded & unshielded versions
- Variety of LED combinations
- Variety of ports



Specifications

MATERIAL

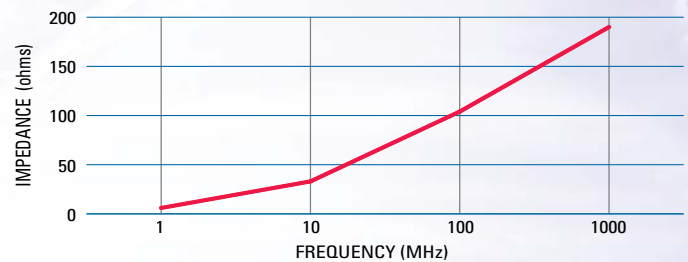
Please refer to RJHS specifications on page 1.

ELECTRICAL

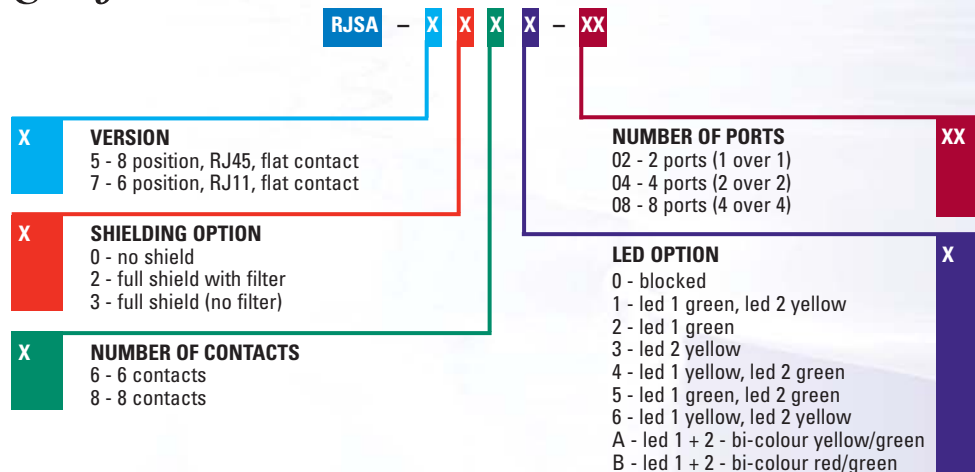
UL File #: E135615

CSA File #: 150190

Impedance Characteristics



Ordering Information

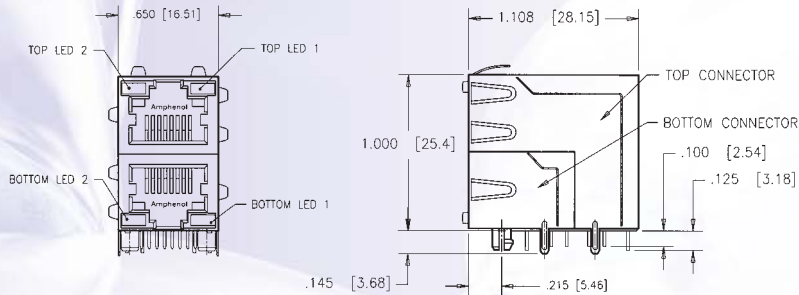


* Filtering available - Please contact Amphenol for more information
** additional LED codes available - see page 2

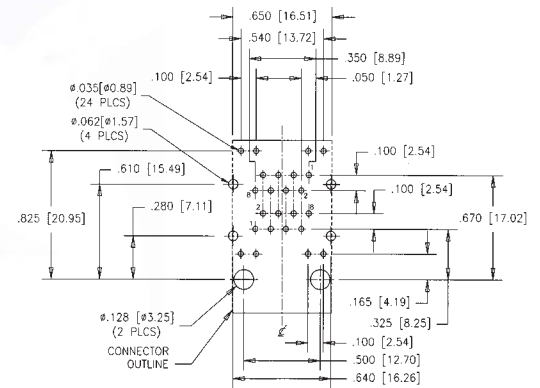
RJSA Series

STACKED RJ VISTA™

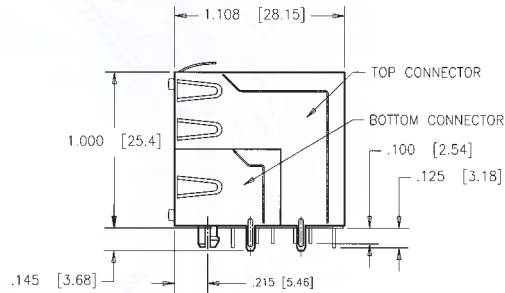
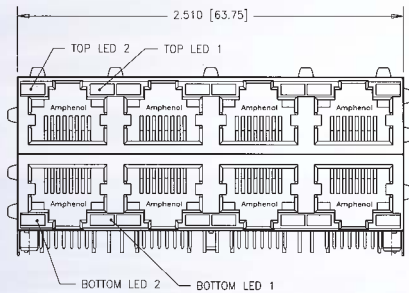
2x1 RJ45/RJ11



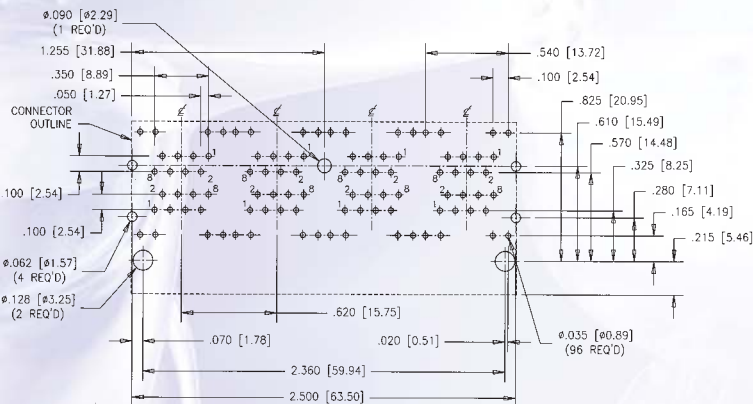
PCB LAYOUT



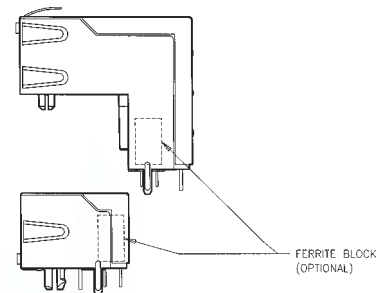
2X4 RJ45/RJ11



PCB LAYOUT

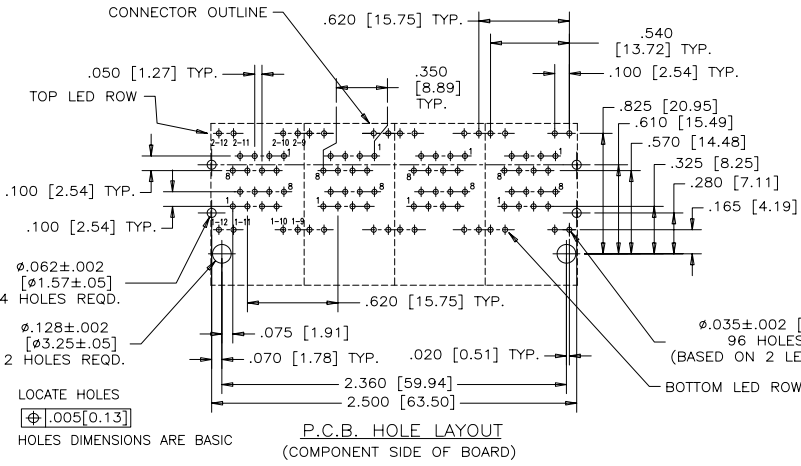
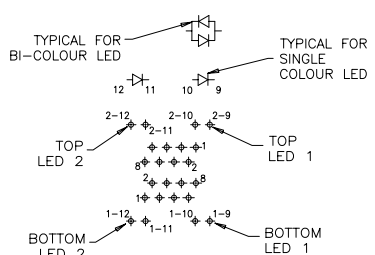
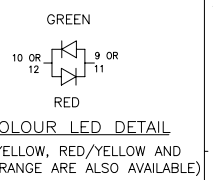
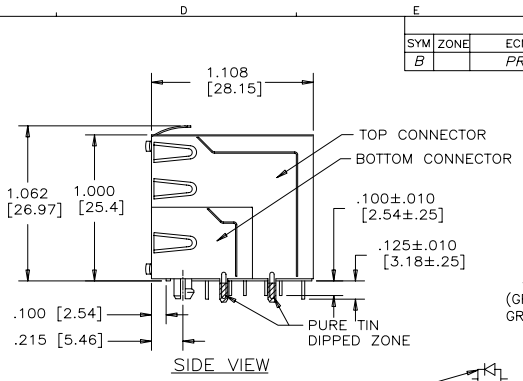
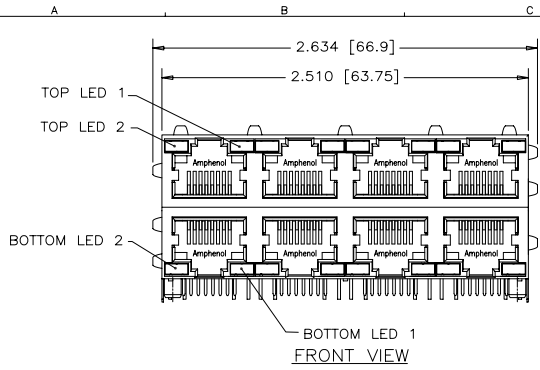


ASSEMBLY



STACKABLE MODULAR JACK ASSEMBLY

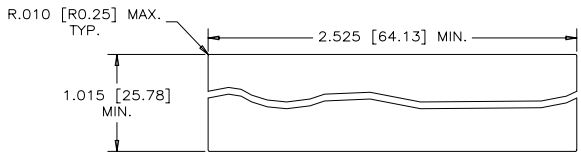
REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
B		PROPOSAL	12/19/2005	L.CHAN



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" [2.54 MICRONS] MIN. MATTE TIN OR GOLD FLASH ON CONTACT TAILS.
SHIELD: COPPER ALLOY
PLATING: NICKEL WITH PURE TIN DIPPED PCB TAIL.

PART NUMBER: RJSAE-538X-08X

REFER TO LED OPTIONS DRAWING FOR ORDERING CODES



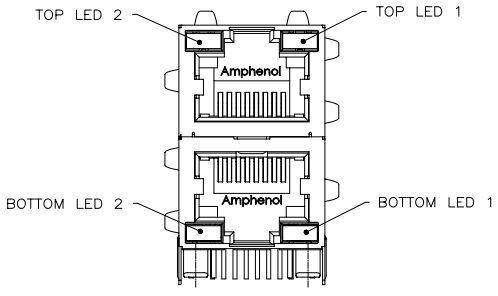
RECOMMENDED PANEL LAYOUT

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DRAWN PWANG	DATE 05/12/19	Amphenol Canada Corp.
DESIGNED		
CHECKED CHIGOW	DATE 05/12/19	TITLE STACKABLE MULTI-PORT MODULAR JACK
I. E. APPRD.		(8 POS. 8 CONTACTS, 2 LEDS PER PORT, SHIELDED)
Q. A. APPRD.		- RoHS COMPLIANT
DWG. APPRD.		DWG. DRAWING NO. P-RJSAE-538X-08X
ENG. REL. NO.		REV. B
REF.		
DIMENSIONS ARE IN INCHES [mm]	CODE ID. NO. 03554	SCALE
		WT. --- SURF. --- SHEET 1 OF 1

A B C D E F

REVISIONS			
SYM	ZONE	ECN, ERN NO.	DATE
B		PROPOSAL	05/07/22
			LCHAN



TYPICAL FOR TWO & MULTI-PORT

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

EXAMPLE:
 PART NUMBER RJSAA-528X
 + (ANODE) - (CATHODE)

EXAMPLE:
 PART NUMBER RJSAA-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

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

EXAMPLE OF ADDITIONAL LED OPTIONS:
 PART NUMBER RJSAA-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	GREEN	BiC GR/OR

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