

RJHS Series

RJvista™

EMI QUIET - WITH LEDS

EMI Quiet Modular Jacks with LED's

RJvista™

is a family of EMI Quiet Modular Jack Connectors with built-in LEDs, meets Ethernet CAT 5 performance. This product is ideal for LAN applications such as adapter cards and routers. Shielded and non-shielded versions are available, with a variety of LED colors, and ports.



Specifications

MATERIAL

Shield: Copper Alloy; Tin/Lead Plated
Contacts: Phosphor Bronze; Gold over Nickel
Insert: Solder reflow process compatible (Complies with UL 94V-0)

ELECTRICAL

Contact Resistance: 20 milliohms maximum
Insulation Resistance: 500 megohms minimum
Current Rating: 1.5 Amps
Voltage Rating: 125 Volts AC
Dielectric Withstanding Voltage: 1000 VAC, RMS. 60 Hz. 1 min.

Standard LEDs: For 5.0 V Systems

Forward Voltage: 2.1 Volts Typical
Reverse Voltage: 6.0 Volts minimum
Luminous Intensity: 0.5 mCd minimum (at If=2mA)

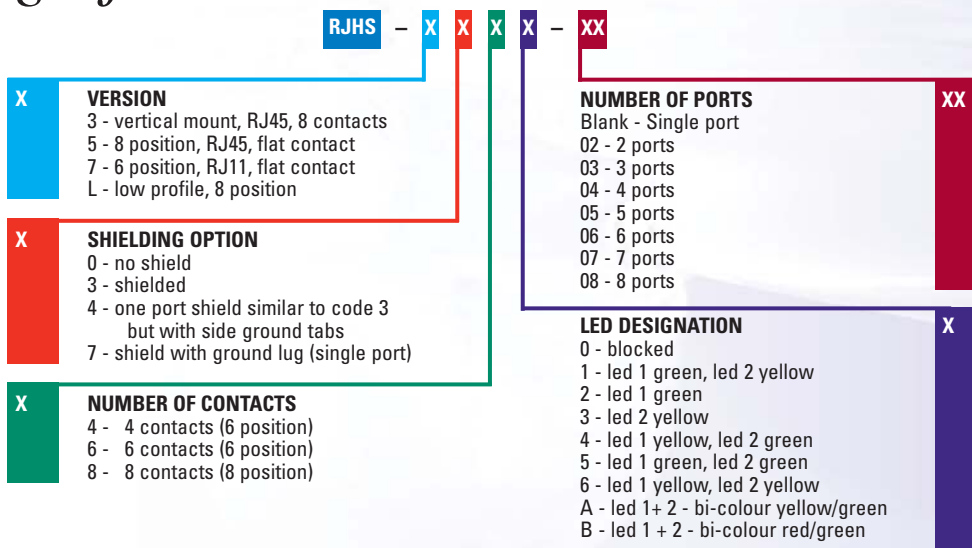
Low Current LEDs: For 3.3 V Systems

Forward Voltage: 2.0 Volts Typical
Reverse Voltage: 6.0 Volts minimum
Luminous Intensity: 1.0 mCd minimum (at If=2mA)

Other Parameters:

Storage Temperature: -20° C to 85° C
Lead Soldering Temperature: 260° C (5 sec)
Plating on Tails: Tin-Lead (90-10) alloy
UL File # : E135615
CSA File # : LR68598

Ordering Information



Options for style, shield & contacts available. Contact Amphenol Canada for more information

For additional colour combinations refer to Chart RJHS Page 2

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LED Designation

RJHS - 538 1* - 08

* LED DESIGNATION CODE

LED CODE	LED 2 Left	LED 1 Right
0	Blocked	Blocked
1	Yellow	Green
2	Blocked	Green
3	Yellow	Blocked
4	Green	Yellow
5	Green	Green
6	Yellow	Yellow
7	Red	Green
8	Green	Red
9	Green	Blocked
A	BiC Gr/YI	BiC Gr/YI
B	BiC Rd/Gr	BiC Rd/Gr
C	BiC Rd/Gr	BiC Gr/YI
D	Green	BiC Gr/YI
E	Yellow	BiC Gr/YI
F	BiC Gr/YI	Yellow
G	BiC Gr/Or	BiC Gr/Or
H	BiC Gr/YI	Green
J	BiC Rd/Gr	Yellow
K	Yellow	BiC Gr/Or
L	BiC Rd/Gr	Red
M	Red	Yellow
N	BiC Gr/Rd	BiC Gr/YI
P	Green	BiC Rd/Gr
R	BiC Gr/Or	Green
T	Red	Red
V	BiC Rd/Gr	Green
W	Special Designation (add digit to part number)	
Z		

RJHS - 538 W - 08 2*

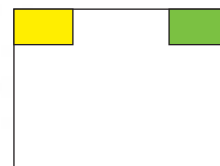
* SPECIAL LED DESIGNATION

SPECIAL DESIGNATION	LED 2 Left	LED 1 Right
0	See standard Design	
1	Red	Blocked
2	BiC Gr/YI	Yellow
3	Yellow	Red
4	Blocked	Red
5	Blocked	Yellow
6	Red	BiC Gr/YI
7		
8		
9		

LOW CURRENT LED OPTIONS

A	Yellow	Yellow
B	Yellow	Green
C	Green	Yellow
D	Green	Green

LED 2

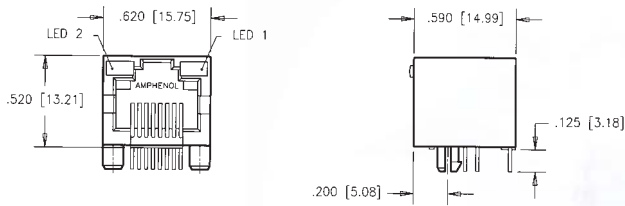


LED 1

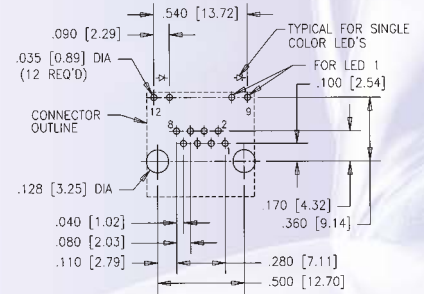
* Contact Amphenol Canada for more information

Single Port

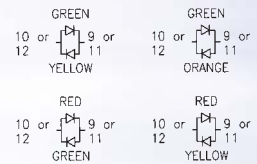
NON-SHIELDED



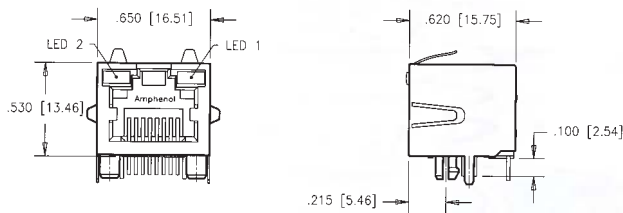
PCB LAYOUT



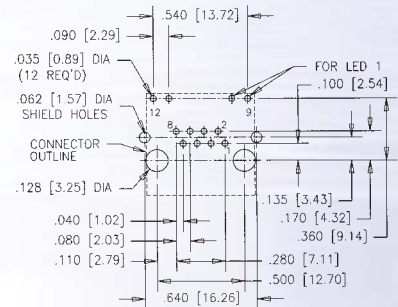
BI-COLOUR LEDS



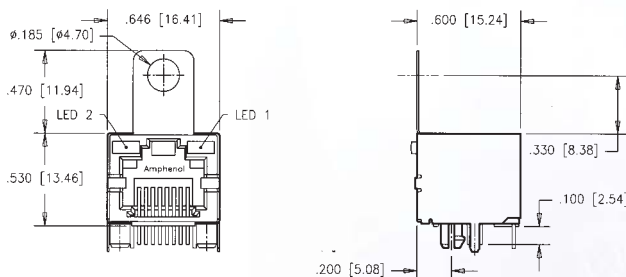
SHIELDED WITH TOP & SIDE GROUND TABS



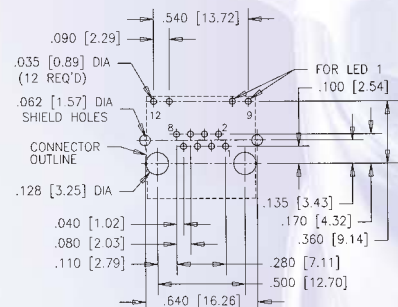
PCB LAYOUT



SHIELDED WITH GROUND LUG



PCB LAYOUT

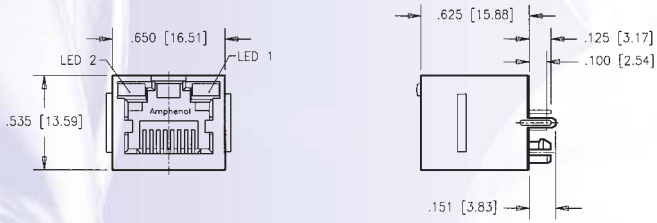


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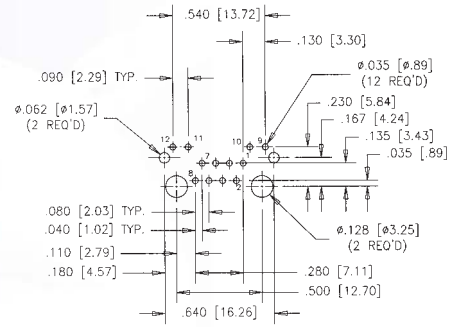


EMI QUIET - WITH LEDS

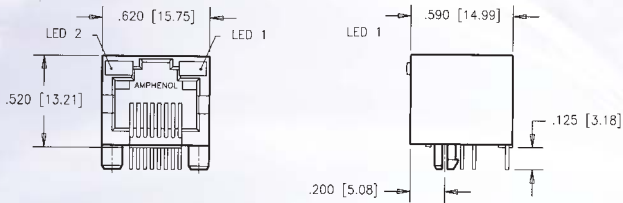
VERTICAL MOUNT SINGLE PORT ONLY



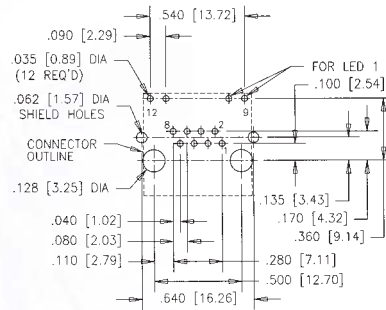
PCB LAYOUT



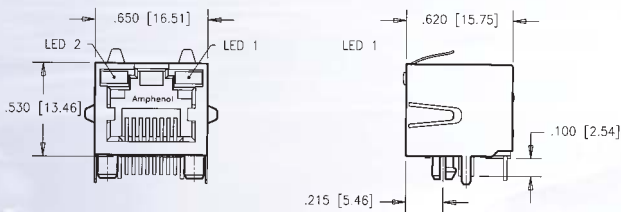
LOW PROFILE SINGLE & 2 PORT



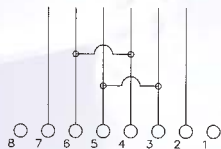
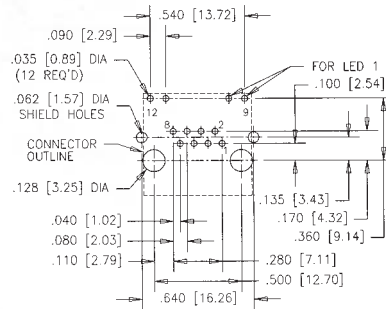
PCB LAYOUT



SHORTING BARS SINGLE & 2 PORT



PCB LAYOUT



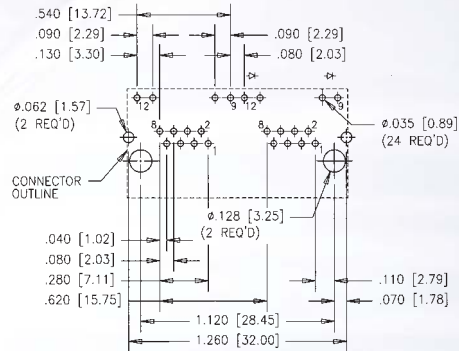
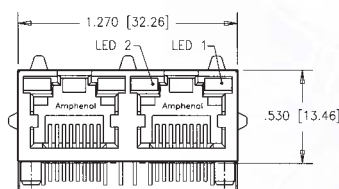
SHORTING BARS (CIRCUIT)

EMI Quiet Modular Jacks with LED's Multiport

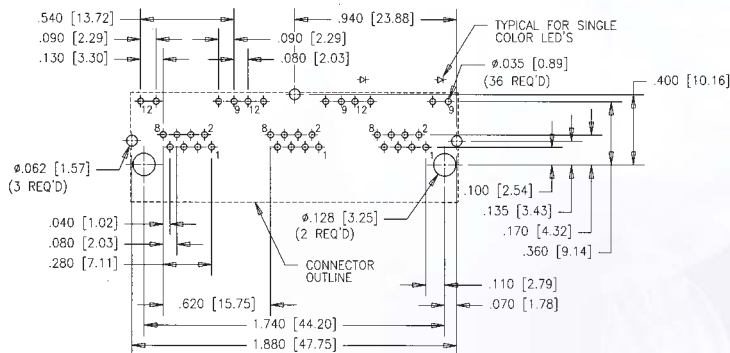
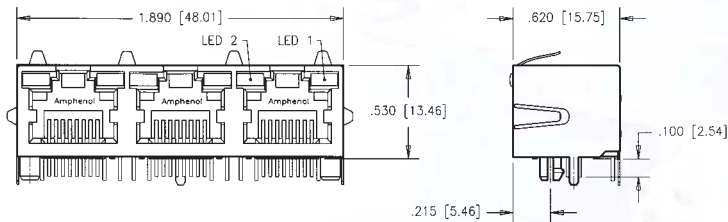
RJ vista™ is a family of EMI Quiet Modular Jack Connectors with built-in LEDs, designed for Category 5 ethernet performance. This product is ideal for LAN applications such as adapter cards and routers. Shielded and non-shielded versions are available, with a variety of LED colors, and ports.



SHIELDED 2 PORT



SHIELDED 3 PORT

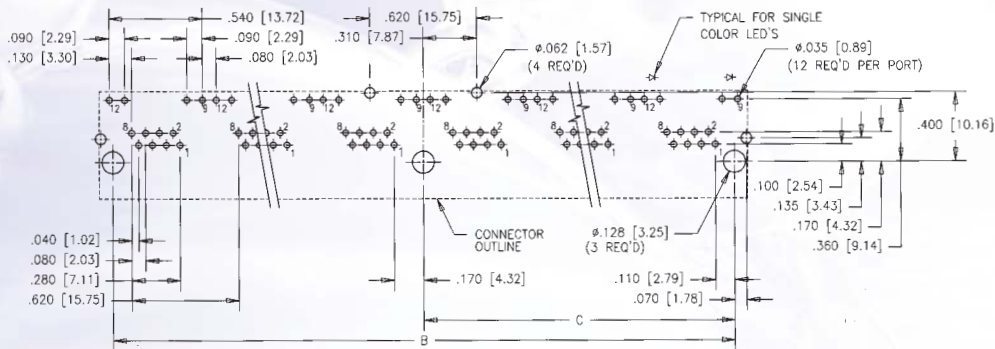
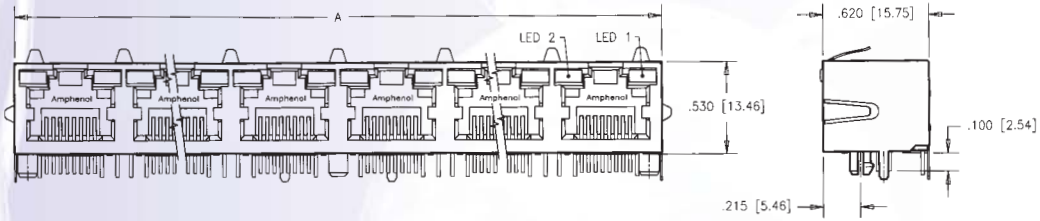


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SHIELDED WITH TOP AND SIDE GROUND TABS (AVAILABLE IN MULTI-PORT)



Number of ports	A	B	C
2	see page 5	see page 5	see page 5
3	see page 5	see page 5	see page 5
4	2.510[63.75]	2.360[59.94]	1.180[29.97]
6	3.750[95.25]	3.600[91.44]	1.800[45.72]
8	4.990[126.75]	4.840[122.94]	2.420[61.47]