

Amphenol ModularJacks

Product Overview

Now you're connected!



Amphenol's broad range of I/O Registered Jacks (RJ) offer solutions to meet the increasing demand for faster speeds and greater bandwidth required by many different markets and end user applications. Our large selection provides system designers with options which increase design flexibility and limit design constraints. Continuous improvement drives the employment of the latest technological innovations within each component and manufacturing stage of our RJ connectors. With a variety of available options combined with exceptional performance and reliability, Amphenol has the solution for all your RJ requirements!

Application Overview

Amphenol RJ products are used in a variety of different markets and end user applications

Consumers:

- ATM/POS machines
- Fitness equipment
- Home security
- Smart TVs
- Computers & laptops
- Set top boxes
- IP & home phones
- Vending machines

Medical:

- Bed monitors
- Breathing devices
- PC monitors
- Home analysis monitors

Communications:

- Copiers
- Printers
- Surge protectors

Industrial:

- Industrial computers
- Emergency response devices
- Network switches
- Automation equipment

Networking:

- Router/Switch

Telecommunications:

- Broadband switches
- Hubs
- Routers
- Servers



LED Designation

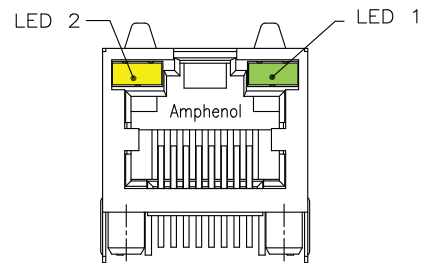
Ex. RJHSE - 538X*

*LED Designation Code

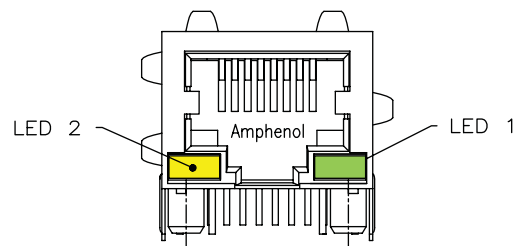
Note: A black X in the part number refers to the LED designation code for all drawings in this catalogue.

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	Green	Yellow	Green	Yellow
B	Red	Green	Red	Green
C	Red	Green	Green	Yellow
D	Green		Green	Yellow
E	Yellow		Green	Yellow
F	Green	Yellow	Yellow	
G	Green	Orange	Green	Orange
H	Green	Yellow	Green	
J	Red	Green	Yellow	
K	Yellow		Green	Orange
L	Green	Yellow	Red	
M	Red		Yellow	
N	Green	Red	Green	Yellow
P	Green		Red	Green
R	Green	Orange	Green	
T	Red		Red	
V	Red	Green	Green	

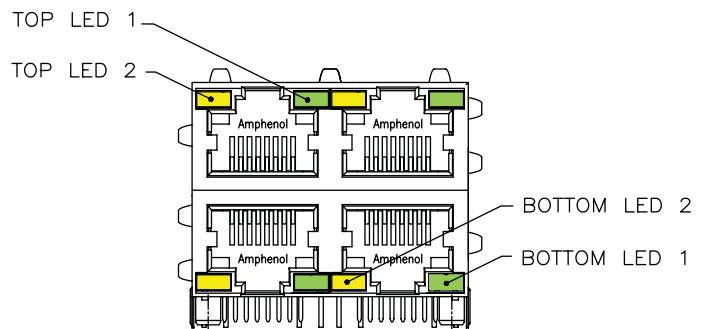
For Tab Up Connectors:



For Tab Down Connectors:



For Stacked Connectors:



Other LED options are available. If you do not see what you're looking for, please email sales@amphenolcanada.com to request the complete LED ordering.

Standard Modular Jacks

Series	Orientation (Up or Down)	Positions Per Port	Contacts Per Port	LED or Light Pipe Option	Max Profile Above PCB (mm)		Termination	# of Ports	Solder Process		Packaging		
					Shielded	Non-Shielded			Reflow	Wave	Tape & Reel	Tray	
Right Angle													
RJHSE	Up	6-8	4-8	LED	13.46	12.45	THT	1-8	See Note	Yes	X	X	
RJSSE				Light Pipe	13.34	13.08	SMT	1-4	X				
RJSBE			2-8	LED	12.69	12.52	THT	1-4	Yes	No			
FRJAE				None	12.95	12.70	THT	1-8					
RJCSE		8	4-8	LED	13.48	13.22	SMT	1	See Note	No	X		
RJLSE	Down	6-8		None	13.07	11.73	SMT	1	Yes	No	X	X	
RJESE	Up	6-8	2-8	LED	13.46	13.21	THT	1-4	No	Yes		X	
RJE01	Down	6		None	13.07	12.88		1	No				
RJE02		6-8			N/A	16.00			See Note		Yes		
RJE03		6-8			13.09	12.88							
RJE05		4-8			11.75	11.50							
RJE07		6-8			13.46	12.70	SMT	Yes	No				
RJE09		6-10			2-10	13.80	13.59	THT	1-8	See Note	Yes		
RJULE		4-8			2-8	9.58	N/A	THT	1	Yes	Yes		X
RJE56		8			6-8	13.50	13.10	Press Fit			No		X
RJE73		8			8	LED	11.50	N/A			THT		Yes

Vertical												
RJHSE	N/A	6-8	2-8	LED	15.88	15.50	THT	1	See Note	Yes		X
RJE06		6-8	2-8	None	15.77	16.62						
RJE08		4-10	2-10		N/A	16.38						
RJE23		6-8	2-8		N/A	12.72	SMT		Yes	No	X	
RJE74		8-10	8-10		16.7	16.44	THT		Yes	No		X
RJE88		8	8	LED	13.15	12.85			No	Yes	X	
RJE1J		8	8	None	N/A	15.70			Yes	Yes		

Stacked												
RJSAE	Top port up, bottom port down	6-8	4-8	LED	25.40	25.14	THT	2, 4, 8	See Note	Yes		X
RJSNE		6-8	4-8		25.40	25.14		8	No			
RJSDE		8	8		27.30	26.95		4	See Note			
RJSFE		8	8	None	25.30	24.98		4	Yes			



Note: Modular Jacks with integrated standard LEDs are not suitable for lead free IR reflow processes.
For use in high temperature IR reflow solder processes, please contact factory and request heat resistant LEDs.

High Performance Modular Jacks

Series	Tab Option (Up or Down)	# of Positions & Loaded Contacts	LED or Light Pipe Option	Max Profile Above PCB (mm)		Termination	# of Ports	Solder Process		Packaging	
				Shielded	Non-Shielded			Reflow	Wave	Tape & Reel	Tray
Category 5E											
Right Angle											
RJE48	Up	8P8C	LED	11.95	N/A	THT	1-4	Yes	X		
RJE58				13.97			1			X	
RJE72				8.47			1-4		X		
RJE1A				13.60			1			X	
Stacked											
RJSGE	Top port up, bottom port down	8P8C	LED	29.06	N/A	Press Fit	4	N/A			X
Coupler											
RJE17	Both	8P8C	Without	N/A		THT	2	N/A			X

Category 6										
Right Angle										
RJE49	Up	8P8C	LED	11.95	N/A	THT	1	Yes		X
RJE59				13.97					X	
RJE71				8.47						X
RJE1B				13.60					X	
Vertical										
RJE45	Up	8P8C	LED	16.54	16.3	THT	1	Yes	X	

Category 6A											
Right Angle											
RJE50	Up	8P8C	LED	11.95	N/A	THT	1	Yes		X	X
RJE60				13.97							
RJE1C				13.60							
RJE7B				8.47							



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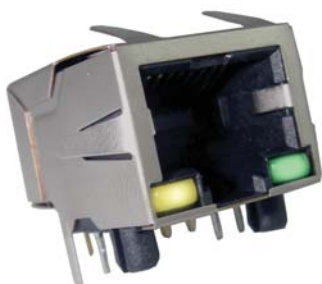
RJHSE

Through-hole (THT) in single and multi port configurations. Some of the available options include full shield for superior EMI protection and standard LEDs for link activity and network verification. Made with high temperature composite and when coupled with our heat resistant LEDs, these are well suited for IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJSSE

Surface Mount (SMT) in single and multi port configurations. Some of the available options include full shield for superior EMI protection and light-pipes for link activity and network verification. Made with high temperature composite, these connectors are well suited for IR reflow solder processes. The light-pipes are installed after the soldering process. Inverted latch orientation for easier mating with industry standard plugs.



RJSBE

Through-hole (THT) in single and multi port configurations. Some of the available options include full shield for superior EMI protection and standard LEDs for link activity and network verification. Made with high temperature composite and when coupled with our heat resistant LEDs these connectors are well suited for IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs. For signal conditioning, this series is also available with ferrite filtering.



FRJAE

Through-hole (THT) in single and multi port configurations. Some of the available options include full shield for superior EMI protection. Made with high temperature composite, these connectors are well suited for IR reflow processes. Inverted latch orientation for easier mating with industry standard plugs. For signal conditioning, this series is also available with ferrite filtering.

Typical Part No. Structure: RJHSX-XXXX-XX

RJHS	X	-	X	X	X	X	-	XX	
	Series Designation		Version	Shield Options		No. of Contacts		LED Options	No. of Ports
	X = E (Standard series)		X = 3 (Vertical mount, 8 positions)	X = 0 (No shield)		X = 4 (4 contacts)	See LED Options Table	XX = Blank for 1 port	
	X = P (PdNI contact)		X = 5 (Right angle, 8 positions)	X = 3 (Shield with top and side tabs, single port has top tabs only)		X = 6 (6 contacts)		XX = 02 for 2 ports	
			X = 7 (Right angle, 6 positions)	X = 4 (For single port only: shield with top and side tabs)		X = 8 (8 contacts)		XX = 04 for 4 ports	
			X = L (Right angle, low profile, 8 positions)	X = F (Shield but without top/side/bottom tabs)				XX = 06 for 6 ports	
				X = P (Shield with top & bottom tabs for vertical mount connector)				XX = 08 for 8 ports	

Typical Part No. Structure: RJSSE-XXXX-XX-X

RJSSE	-	X	X	X	X	-	XX	-	X
		Version	Shield Options	No. of Contacts	Light Pipe Options		No. of Ports		Packaging
		X = 5 (8 positions, 20µ" Au plating) X = 7 (6 positions, 20µ" Au plating)	X = 0 (No shield with hold down bracket) X = 3 (Standard shield with tabs) X = 5 (Shield, with flattened bottom tab) X = F (Shield without tabs and boardlock) X = N (No shield, no hold down bracket) X = S (Shield with straight PCB tail)	X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts)	X = 0 (Blocked) X = 1 (Light Pipe) X = 2 (No light pipe, not blocked)		XX = Blank for 1 port XX = 02 for 2 ports XX = 04 for 4 ports		Blank = Tray T = Tape & Reel

Typical Part No. Structure: RJSBE-XXXX-CX

RJSBE	-	X	X	X	X	-	CX
		Version	Shield Options	No. of Contacts	LED Options		No. of Ports
		X = 5 (8 positions, 50µ" Au plating) X = 7 (6 positions, 50µ" Au plating) X = D (8 positions, 15µ" Au plating) X = G (8 positions, 15µ" Au plating) X = J (8 positions, 30µ" Au plating)	X = 0 (No shield) X = 2 (Shield with top/ side tabs, filtered) X = 3 (Shield, no top/side tabs, no filter) X = F (Shield, no tabs, no filter)	X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts)	See LED Options Table		CX = C1 for 1 port CX = C2 for 2 ports CX = C4 for 4 ports

Typical Part No. Structure: FRJAE-XXX-XX-X

FRJAE	-	X	X	X	-	XX	-	X
		Version	Shield Options	No. of Contacts		No. of Ports		Special Identifier
		X = 4 (8 positions) X = 6 (6 positions)	X = 0 (Non-filtered, non-shielded) X = 1 (Filtered with front tab shield) X = 3 (Shield with front tab) X = F (Filtered) X = 6 (Filtered with rear tab shield) X = 7 (Filtered without tab shield) X = 8 (Shield with rear tab)	X = 2 (2 contacts) X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts)		XX = Blank for 1 port XX = 02 for 2 ports XX = 04 for 4 ports XX = 06 for 6 ports XX = 08 for 8 ports		X = 0 (1~3µ" Au) X = 1 (15µ" Au) X = 2 (30µ" Au) X = 3 (50µ" Au)



RJCSE

Surface mount (SMT) in single port configurations. Some of the available options include full shield for superior EMI protection and standard LEDs for link activity and network verification. Made with high temperature composite and when coupled with our heat resistant LEDs, these connectors are well suited for IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



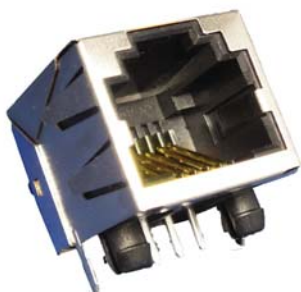
RJLSE

Surface mount (SMT) in single port configurations. Some of the available options include full shield for superior EMI protection. For color keying applications, this series is available with housing color options. Made with high temperature composite, these connectors are well suited for IR reflow solder processes.



RJESE

Through-hole (THT) in single and multi port configurations. Some of the available options include full shield for superior EMI protection and standard LEDs for link activity and network verification. Made with standard temperature composite, this series is ideal for high-volume cost sensitive programs. Inverted latch orientation for easier mating with industry standard plugs. For color keying applications, this series is available with housing color options.



RJE01

Through-hole (THT) in single and dual port configurations. Some of the available options include full shield for superior EMI protection. Made with high temperature composite, these connectors are well suited for IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.

Typical Part No. Structure: RJCSE-XXXX-01

RJCSE	-	X	X	X	X	-	01
	Contact Plating		Shield Options	No. of Positions and Contacts	LED Options	No. of Ports	
	X = 3 (15µ" Au plating) X = 4 (30µ" Au plating) X = 5 (50µ" Au plating)		X = 0 (No shield) X = 3 (Standard shield)	X = 8 (8P8C)	See LED Options Table	Single Port	

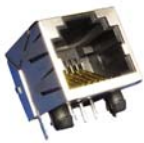
Typical Part No. Structure: RJLSE-XXXXX-01X

RJLSE	-	X	X	X	X	X	-	01	X
	Version		Contact Plating	Shield Options	No. of Contacts	Housing	No. of Ports		Packaging
	X = 4 (8 positions, RJ45) X = 6 (6 positions, RJ11)		X = 0 (1~3µ" Au) X = 1 (15µ" Au) X = 2 (30µ" Au) X = 3 (50µ" Au)	X = 0 (No shield) X = 1 (Standard shield) X = 3 (Shield with PCB tabs)	X = 2 X = 4 X = 6 X = 8	X = 1 (Black housing) X = 2 (Yellow housing) X = 3 (Red housing)	Single Port		X = Blank T = Tape & Reel

Typical Part No. Structure: RJESE-XXXX-XX-XX

RJESE	-	X	X	X	X	-	X	X	-	XX
	Version		Shield Options	No. of Contacts	LED Options	Contact Plating	No. of Ports	Special Identifier		
	X = 3 (Vertical mount, 8 position, panel stop housing) X = 7 (Right angled, 6 position) X = 8 (Right angled, 8 position)		X = 0 (No shield) X = 3 (Standard shield, 1 to 8 port. Single port without side tabs) X = 4 (One port shield, top tabs with side tabs)	X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts)	See LED Option Table	X = 0 (6µ" Au) X = 1 (15µ" Au) X = 2 (30µ" Au) X = 3 (50µ" Au) X = F (1~3µ" Au)	X = 1 X = 2 X = 4	XX = Blank (Black housing) XX = 02 (Yellow housing) XX = 03 (Red housing)		

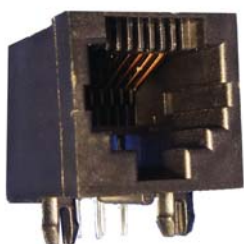
Typical Part No. Structure: RJE01-XXX-XX

RJE01	-	X	X	X	-	XX
	Contact Plating		No. of Contacts	Shield Options	No. of Ports	
	X = 1 (6µ" Au) X = 6 (50µ" Au) X = G (15µ" Au) X = J (30µ" Au)		X = 2 (2 contacts) X = 4 (4 contacts) X = 6 (6 contacts)	X = 0 (No shield) X = 1 (Front/rear tab options for single port) X = 2 (Shield with side and PCB tails) X = 4 (Shield without tab or PCB tails) X = 5 (Shield without tabs, with shielded PCB tails)	XX = 01 (1 port) XX = 02 (2 ports)	

RJE0X

This group of connectors encompasses a wide range of configurations. Within this group are connectors available in single or multi port, right angle or vertical, and with or without shield options. Many of these connectors are common in the market place and cost effective, making them an excellent choice for your design requirements.

RJE02



RJE03



RJE05



RJE06



RJE07



RJE08



RJE09



Accessories



RJE17 Coupler

The RJE17 coupler provides connections through barriers such as equipment cover and panels. They are locked into place with a panel latch for secure mounting. Available in CAT3 and CAT5e performance. Added shielding provides optimal EMI protection.



RJ45/RJ11 Dust Covers*

* For more information on our dust covers please visit amphenolcanada.com or email sales@amphenolcanada.com

Typical Part No. Structure: RJE02-1XX-0XX0

RJE02	-	1	X	X	-	0	X	X	0
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	Panel Stop Options	Modifier		
	Single port	X = 4 (4 positions) X = 6 (6 positions) X = 8 (8 positions)	X = 2 (2 contacts) X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts)	No shield	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	X = 1 (Without panel stop) X = 2 (With panel stop)	Standard product		

Typical Part No. Structure: RJE03-1XX-XXX0

RJE03		-	1	X	X	-	X	X	X	0
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	Panel Stop Options	Modifier			
	Single Port	X = 6 (6 positions) X = 8 (8 positions)	X = 2 (2 contacts) X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts)	X = 0 (No shield) X = 2 (Partial shield, must have panel stop)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	X = 1 (Without panel stop) X = 2 (With panel stop)	Standard product			

Typical Part No. Structure: RJE05-1XX-XX10

RJE05	-	1	X	X	-	X	X	1	0
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	Panel Stop Options	Modifier		
	Single port	X = 4 (4 positions) X = 6 (6 positions) X = 8 (8 positions) X = A (10 positions)	X = 2 (2 contacts) X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts) X = A (10 contacts)	X = 0 (No shield) X = 1 (Shield)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	Without panel stop	Standard product		

Typical Part No. Structure: RJE06-188-XXX0

RJE06	-	1	8	8	-	X	X	X	0
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	Panel Stop Options	Modifier		
	Single port	8 positions	8 contacts	X = 0 (No shield) X = 1 (Full shield)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	X = 1 (Without panel stop) X = 2 (With panel stop)	Standard product		

Typical Part No. Structure: RJE07-1XX-XXX0

RJE07	-	1	X	X	-	X	X	X	0
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	Panel Stop Options	Modifier		
	Single port	X = 6 (6 positions) X = 8 (8 positions)	X = 2 (2 contacts) X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts)	X = 0 (No shield) X = 2 (Partial shield) X = 3 (Surface mount with partial shield)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	X = 1 (Without panel stop) X = 2 (With panel stop)	Standard product		

Typical Part No. Structure: RJE08-1XX-0X10

RJE08	-	1	X	X	-	0	X	1	0
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	Panel Stop Options	Modifier		
	X = 1 (1 port)	X = 4 (4 contacts)	X = 4 (4 contacts)	X = 0 (No shield)	X = 1 (6μ" Au)	Without panel stop	Standard product		
		X = 6 (6 contacts)	X = 6 (6 contacts)		X = 2 (15μ" Au)				
		X = 8 (8 contacts)	X = 8 (8 contacts)		X = 3 (30μ" Au)				
	X = A (10 contacts)	X = A (10 contacts)	X = 4 (50μ" Au)						

Typical Part No. Structure: RJE09-XXX-XX10

RJE09	-	X	X	-	X	X	1	0
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	Panel Stop Options	Modifier	
	X = 1 (1 port) X = 2 (2 ports) X = 4 (4 ports) X = 6 (6 ports) X = 8 (8 ports)	X = 6 (6 positions) X = 8 (8 positions) X = A (10 positions)	X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts) X = A (10 contacts)	X = 0 (No shield) X = 1 (Standard shield, no tabs) X = 5 (Shield with top and side tabs)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	Without panel stop	Standard product	



RJ45

Ultra-low profile through-hole (THT), in single port configurations. Some of the available options include full shield for superior EMI protection. This connector sits within a PCB cut-out giving it that ultra low profile feature making it ideal for slim profile applications. Made with high temperature composite, these connectors are well suited for IR reflow solder processes.



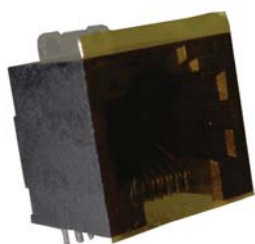
RJE56

Press-fit in single port RJ45 configurations with or without full shield for superior EMI protection. This connector is designed for applications where soldering is not an option. The press-fit contacts and shield have the "eye of the needle" design which provides reliable PCB retention and electrical performance.



RJE73

Through-hole (THT) with a low profile and a small footprint in single port configurations. Some of the available options include full shield for superior EMI protection and standard LEDs for link activity and network verification. Made with high temperature composite and when coupled with our heat resistant LEDs, these connectors are well suited for IR reflow solder processes.



RJE23

Vertical surface mount (SMT) in single port configurations. For superior EMI protection, shield options are available for the RJ45 version. Made with high temperature composite, these connectors are well suited for IR reflow solder processes.

Typical Part No. Structure: RJULE-4XXXX-01-X

RJULE	-	4	X	X	X	X	-	01	-	X
	No. of Ports	No. of Positions	Contact Plating	Housing Options	No. of Contacts	Shield Options		No. of Ports		Packaging
	Single port	4 positions	X = 0 (1~3μ" Au) X = 1 (15μ" Au) X = 2 (30μ" Au) X = 3 (50μ" Au)	X = 1 (Black) X = 2 (Yellow) X = 3 (Red)	X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts)	X = 0 (No shield) X = 1 (Standard shield) X = 2 (Shield with side ground tabs designed to touch with mounting panel) X = 3 (Shield with ground tab)		Single port		X = Blank (Tray) X = T (Tape & Reel)

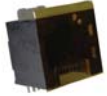
Typical Part No. Structure: RJE56-18X-XX10-X

RJE56	1	8	X	-	X	X	1	0	-	X
	No. of Ports	No. of Positions	No. of Contacts		Shield Options	Contact Plating	Panel Stop/Housing Options	Modifier		Packaging
	Single port	8 positions	X = 6 (6 contacts) X = 8 (8 contacts)		X = 0 (No shield) X = 1 (Full shield)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	Without panel stop/Black	Standard product		X = Blank (Tray) X = T (Tape & Reel)

Typical Part No. Structure: RJE73-188-XXX

RJE73	-	1	8	8	-	X	X	X
	No. of Ports	No. of Positions	No. of Contacts		Contact Plating	LED Options		Shield Options
	Single port	8 positions	8 contacts		X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	See LED Options Table		X = 0 (Shield without tabs) X = 1 (Shield with side and top tabs) X = N (No shield)

Typical Part No. Structure: RJE23-1XX-XXX0-X

RJE23	-	1	X	X	-	X	X	0	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	Housing & Panel Stop Options	Modifier			Packaging
	Single port	X = 6 (6 positions) X = 8 (8 positions)	X = 6 (6 contacts) X = 8 (8 contacts)	X = 0 (No shield) X = 1 (Standard shield, no tabs)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	X = 1 (Black housing without panel stop) X = 2 (Black housing with panel stop)	Standard product			X = Blank (Tray) X = T (Tape & Reel)



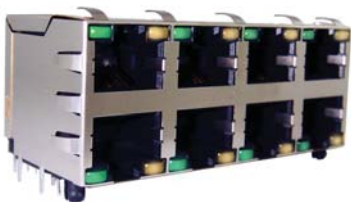
RJE74

Vertical through-hole (THT) in single port configurations. Some of the available options include full shield for superior EMI protection. To prevent miss-mating with RJ45 plug, the RJ50 version is available with RM4K keying feature. Made with high temperature composite, these connectors are well suited for IR reflow solder processes.



RJSAE

Through-hole (THT) in stacked configurations. Some of the available options include full shield for superior EMI protection and standard LEDs for link activity and network verification. Made with high temperature composite and when coupled with our heat resistant LEDs, these connectors are well suited for IR reflow solder processes. For signal conditioning, this series is also available with ferrite filtering.



RJSNE

Through-hole (THT) in stacked 2x4 configurations. Some of the available options include full shield for superior EMI protection and standard LEDs for link activity and network verification. Made with high temperature composite and when coupled with our heat resistant LEDs, these connectors are well suited for IR reflow solder processes.

Typical Part No. Structure: RJE74-1XX-XX1X-X

RJE74	-	1	X	X	-	X	X	-	X
		No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	Panel Stop Options	Modifier	Options
		Single port	X = 8 (8 positions) X = A (10 positions)	X = 8 (8 contacts) X = A (10 contacts)	X = 0 (No shield) X = 1 (Full shield)	X = 1 (6µ" Au) X = 2 (15µ" Au) X = 3 (30µ" Au) X = 4 (50µ" Au)	Without panel stop	X = 0 (Standard product) X = 1 (With RMK4 keying)	X = Blank (PBT, Tray, without Mylar) X = A (High temp housing, Tray, without Mylar) X = H (High temp housing, Tape & Reel, with Mylar)

Typical Part No. Structure: RJSAE-XXXX-XX

RJSAE	-	X	X	X	X	-	X	X
	Version	Shield Options	No. of Contacts	LED Options	Special Identifier	No. of Ports		
	X = 5 (8 positions, 50μ" Au) X = 7 (6 positions, 50μ" Au) X = 8 (8 positions, over 6 positions, 50μ" Au)	X = 0 (No shield) X = 2 (Shield with top and side tabs, with filter) X = 3 (Shield with top and side tabs, no filter) X = F (Shield without top and side tabs)	X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts)	See LED Options Table	X = 0 (Standard 2.54mm) X = A (3.30mm) X = B (3.51mm)	X = 2 (2 ports, 1x1) X = 4 (4 ports, 2x2) X = 8 (8 ports, 4x4)		

Typical Part No. Structure: RJSNE-XXXX-X8

RJSNE	-	X	X	X	X	-	X	8
		Version	Shield Options	No. of Contacts	LED Options		Special Identifier	No. of Ports
		X = 5 (8 positions 50µ" Au) X = D (8 positions, 6µ" Au) X = G (8 positions, 15µ" Au) X = J (8 positions, 30µ" Au)	X = 0 (No shield) X = 3 (Shield with top and side tabs) X = F (Shield without top and side tabs)	X = 4 (4 contacts) X = 6 (6 contacts) X = 8 (8 contacts)	See LED Options Table		X = 0 (Standard 2.54mm) X = A (Contact tail, 3.30mm)	8 ports, 4x4



RJE88

Vertical through-hole (THT) in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and when coupled with our high temperature resistant LEDs, these connectors are well suited for the IR reflow solder processes.



RJSDE

Through-hole (THT) in stacked 2x2 configurations. Some of the available options include full shield for superior EMI protection and standard LEDs for link activity and network verification. Made with high temperature composite and when coupled with our heat resistant LEDs, these connectors are well suited for the IR reflow solder processes.



RJSFE

Through-hole (THT) in stacked 2x6 configurations. Available with or without full shield for superior EMI protection. Excellent for applications that require maximum port density within a given space. Made with high temperature composite, these are well suited for the IR reflow solder processes.

Typical Part No. Structure: RJE88-188-XXXX-T

RJE88	-	1	8	8	-	X	X	X	X	-	T
	No. of Ports	No. of Positions	No. of Contacts	Shield Options		Contact Plating	LED Options	Modifier	Packaging		
	Single port	8 positions	8 contacts	X = 0 (No shield) X = 1 (Shield with PCB tabs, no top and bottom tabs) X = 2 (Shield with PCB tabs, with top and bottom tabs)		X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	See LED Options Table	X = 0 (Tail length = 2.7mm) X = A (Tail length = 3.5mm)	X = Blank (Tray) X = T (Tape & Reel)		

Typical Part No. Structure: RJSDE-488-XXX1

RJSDE	-	4	8	8	-	X	X	X	1
		No. of Ports	No. of Positions	No. of Contacts		Shield Options	Contact Plating	LED Options	Modifier
		4 ports (2x2)	8 positions	8 contacts		X = 0 (No shield) X = 1 (Shield without tabs) X = 3 (Shield with tabs)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	See LED Options Table	Standard product

Typical Part No. Structure: RJSFE-B88-XX11

RJSFE	-	B	8	8	-	X	X	1	1
		No. of Ports	No. of Positions	No. of Contacts		Shield Options	Contact Plating	Special Identifier	Modifier
		12 ports (6x6)	8 positions	8 contacts		X = 0 (No shield) X = 1 (Shield with PCB tails, no tabs) X = 3 (Shield with PCB tails, with side tabs)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	Standard part	Standard product



RJE48

CAT5e low profile through-hole (THT) is available in single port and 4 port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJE58

CAT5e standard profile through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJE72

CAT5e ultra low profile through-hole (THT) is available in single port and 4 port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJE1A

CAT5e narrow profile through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJSGE

CAT5e stacked 2x2 configurations with press-fit terminations. Some of the available options include full shield for superior EMI protection and tri-color LEDs for link activity and network verification. For additional EMI protection this series is available with enhanced EMI tabs.

Typical Part No. Structure: RJE48-X88-XXX1-X

RJE48		-	X	8	8	-	X	X	X	1	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options		Contact Plating	LED Options	Modifier		Packaging		
	X = 1 (1 port) X = 4 (4 ports)	8 positions	8 contacts	X = 0 (No shield) X = 1 (Full shield) X = 2 (Special shield with SMT solder tabs)		X = 1 (6µ" Au) X = 2 (15µ" Au) X = 3 (30µ" Au) X = 4 (50µ" Au)	See LED Options Table	3.00mm tail length		X = Blank (Tray) X = T (Tape & Reel)		

Typical Part No. Structure: RJE58-188-XXX1-X

RJES8											-	1	8	8	-	X	X	X	1	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	LED Options	Modifier	Packaging													
	X = 1 (1 port)	X = 8 (8 positions)	X = 8 (8 contacts)	X = 3 (Full shield with top tabs) X = 5 (Full shield with top and side tabs) X = 6 (Full shield without tabs)	X = 1 (6µ" Au) X = 2 (15µ" Au) X = 3 (30µ" Au) X = 4 (50µ" Au)	See LED Options Table	Standard, with boardlock	X = Blank (Tray) X = T (Tape & Reel)													

Typical Part No. Structure: RJE72-X88-1XXX-X

RJE72		-	X	8	8	-	1	X	X	X	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options		Contact Plating	LED Options	Modifier		Packaging		
	X = 1 (1 port) X = 4 (4 ports)	8 positions	8 contacts	Shield with top and side tabs		X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	See LED Options Table	X = 1 (3.18mm tail length) X = 2 (2.27mm length) X = 3 (2.16mm length)		X = Blank (Tray) X = T (Tape & Reel)		

Typical Part No. Structure: RJE1A-188-XXX1-X

RJ45A		-	1	8	8	-	X	X	X	1	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options		Contact Plating	LED Options	Modifier		Packaging		
	Single port	8 positions	8 contacts	X = 0 (No shield) X = 5 (Full shield, with side and top tabs)		X = 1 (6µ" Au) X = 2 (15µ" Au) X = 3 (30µ" Au) X = 4 (50µ" Au)	See LED Options Table	3.18mm tail length		X = Blank (Tray) X = T (Tape & Reel)		

Typical Part No. Structure: RJSGE-488-XXX1-X

RJSGE	-	4	8	8	-	X	X	X	1	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options		Contact Plating	LED Options	Modifier		Packaging	
	4 ports	8 positions	8 contacts	X = 0 (With EMI spring) X = 1 (Without EMI spring)		X = 1 (6µ" Au) X = 2 (15µ" Au) X = 3 (30µ" Au) X = 4 (50µ" Au)	See LED Options Table	2.50mm tail length		X = Blank (Tray) X = T (Tape & Reel)	



RJE45

CAT6 vertical through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJE49

CAT6 low profile through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJE59

CAT6 standard profile through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.

Typical Part No. Structure: RJE45-X88-XXX1-X

RJE45		-	X	8	8	-	X	X	X	1	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options		Contact Plating	LED Options	Modifier		Packaging		
	X = 1 (1 port) X = 2 (2 ports) X = 3 (3 ports) X = 4 (4 ports)	X = 8 (8 positions)	X = 8 (8 contacts)	X = 0 (No shield) X = 1 (Shield with PCB and side tabs) X = 2 (Shield with PCB tabs, no side tabs)		X = 1 (6µ" Au) X = 2 (15µ" Au) X = 3 (30µ" Au) X = 4 (50µ" Au)	See LED Options Table	Standard, black housing, contact and LED tail length 0.130"		X = Blank (Tray) X = T (Tape & Reel)		

Typical Part No. Structure: RJE49-188-XXX1-X

RJE49	-	1	8	8	-	X	X	X	1	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	LED Options	Modifier	Packaging			
Single port	8 positions	8 contacts	X = 0 (No shield) X = 1 (Shield with PCB tabs, no side tabs)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	See LED Options Table	3.00mm tail length	X = Blank (Tray) X = T (Tape & Reel)				

Typical Part No. Structure: RJE59-188-XXX1-X

RJE59	-	1	8	8	-	X	X	X	1	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	LED Options	Modifier	Packaging			
	X = 1 (1 port)	X = 8 (8 positions)	X = 8 (8 contacts)	X = 3 (Full shield with top tabs) X = 5 (Full shield with top and side tabs) X = 6 (Full shield without tabs)	X = 1 (6µ" Au) X = 2 (15µ" Au) X = 3 (30µ" Au) X = 4 (50µ" Au)	See LED Options Table	Standard, with boardlocks	X = Blank (Tray) X = T (Tape & Reel)			



RJE71

CAT6 ultra-low profile through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJE1B

CAT6 narrow profile. Through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJE50

CAT6a low profile through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.

Typical Part No. Structure: RJE71-188-1XXX-X

RJE71	-	1	8	8	-	1	X	X	X	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	LED Options	Modifier	Packaging			
	Single port	8 positions	8 contacts	Shield with top & side tabs	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	See LED Options Table	X = 1 (3.18mm tail length) X = 2 (2.27mm tail length) X = 3 (2.16mm tail length)	X = Blank (Tray) X = T (Tape & Reel)			

Typical Part No. Structure: RJE1B-188-XXXX-X

RJE1B	-	1	8	8	-	X	X	X	X	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	LED Options	Modifier	Packaging			
	Single port	8 positions	8 contacts	X = 0 (No shield) X = 5 (Full shield with side and top tabs)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	See LED Options Table	X = 1 (Standard boardlock) X = 2 (No boardlock) X = 3 (No board lock & extra ground tail)	X = Blank (Tray) X = T (Tape & Reel)			

Typical Part No. Structure: RJE50-188-XXX1-X

RJE50	-	1	8	8	-	X	X	X	1	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	LED Options	Modifier	Packaging			
	Single port	8 positions	8 contacts	X = 0 (No shield) X = 1 (Full shield) X = 2 (Special shield with SMT solder tabs)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	See LED Options Table	3.00mm tail length	X = Blank (Tray) X = T (Tape & Reel)			



RJE60

CAT6a standard profile through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJE7B

CAT6a ultra low profile through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.



RJE1C

CAT6a narrow profile through-hole (THT) is available in single port RJ45 configurations with full shield for superior EMI protection. A variety of LED options for link activity and network verification are also available. Made with high temperature composite and coupled with our high temperature resistant LEDs, these connectors are well-suited for the IR reflow solder processes. Inverted latch orientation for easier mating with industry standard plugs.

Typical Part No. Structure: RJE60-188-XXX1-X

RJE60	-	1	8	8	-	X	X	X	1	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	LED Options	Modifier	Packaging			
	Single port	8 positions	8 contacts	X = 3 (Shield with top tabs) X = 5 (Shield with top & side tabs) X = 6 (Shield without tabs)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	See LED Options Table	Standard, with boardlock	X = Blank (Tray) X = T (Tape & Reel)			

Typical Part No. Structure: RJE7B-188-1XXX-X

RJE7B	-	1	8	8	-	1	X	X	X	-	X
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	LED Options	Modifier	Packaging			
	Single port	8 positions	8 contacts	X = 1 (Shield with top & side tabs)	X = 1 (6μ" Au) X = 2 (15μ" Au) X = 3 (30μ" Au) X = 4 (50μ" Au)	See LED Options Table	X = 1 (3.18mm tail length) X = 2 (2.27mm tail length) X = 3 (2.16mm tail length)	X = Blank (Tray) X = T (Tape & Reel)			

Typical Part No. Structure: RJE1C-188-XXXX-X

RJE1C - 1 8 8 - X X X X - X										
	No. of Ports	No. of Positions	No. of Contacts	Shield Options	Contact Plating	LED Options	Modifier	Packaging		
	Single port	8 positions	8 contacts	X = 0 (No shield)	X = 1 (6μ" Au)	See LED Options Table	X = 1 (Standard boardlock)	X = Blank (Tray)		
				X = 5 (Shield with top & side tabs)	X = 2 (15μ" Au)		X = 2 (No boardlock)			
				X = 9 (Shield without tabs)	X = 3 (30μ" Au)		X = (No boardlock & extra ground tail)	X = T (Tape & Reel)		
					X = 4 (50μ" Au)					

Notes

Notes

Amphenol

Now you're connected!

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All specifications are subject to change without notice.