Modular Jacks

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- Modular jacks available in RJ45 & RJ11 styles
- Select series available with or without LED options
- Variety of single and Bi-color LED options
- Shielding options available on most series
- Low frequency ferrite filtering available on select series
- Right angle & vertical housing options
- Single & multiport configurations
- Single & stacked dual row options
- Terminations available in PTH, SMT and Pressfit on select series
- True Vacumm Placeble, Tape & Reel, Tray and Tube packaging
- Category 3, 5 & 6 options
- UL recognized file # E135615
- CSA recognized file # LR68598
- Fully RoHS compliant
- Lead Free IR reflow process compatible






Modular Jack Quick Reference Options Table

Series	Orientation		Housing Option		Termination		Optical Indicator		Max Profile Above PCB - in (mm)		Contacts per port	# of Ports	Performance Category	Solder Process		Packaging	
	Standard	Inverted	RJ45	RJ11	SMT	Thru hole	LED	Light-Pipe	Shielded	Non-Shielded				Reflow	Wave	Tape & Reel	Tray
Right Angle Modular Jacks single and multiport																	
RJHSE		X	X	X		X	X		.530 (13.46)	.490 (12.45)	2-8	1-8	5	See Notes	X	X	X
RJULE		X	X			X			.377 (9.58)	N/A	2-8	1	3	X	X	X	X
RJCSE		X	X		X		X		.531 (13.48)	.521 (13.22)	2-8	1	3	See Notes		X	
RJLSE	X		X	X	X				.514 (13.07)	.462 (11.73)	2-8	1	3	X		X	X
RJSSE		X	X	X	X			X	.525 (13.34)	.515 (13.08)	2-8	1-4	5	X		X	X
RJSBE	X		X	X		X	X		.500 (12.69)	.493 (12.52)	2-8	1-4	3	X	X		X
FRJAE	X		X	X		X			.510 (12.95)	.500 (12.7)	2-8	1-8	3	X	X		X
RJE01		X		X		X			.514 (13.08)	.507 (12.88)	2-6	1-2	3	X	X		X
RJE02	X		X	X		X			N/A	.630 (16.00)	2-8	1	3	See Notes	X		X
RJE03	X		X	X		X			.519 (13.19)	.494 (12.54)	2-8	1	3	See Notes	X		X
RJE05	X		X	X		X			.463 (11.75)	.453 (11.50)	2-8	1	3	See Notes	X	X	X
RJE07	X		X	X	X				.530 (13.46)	.500 (12.70)	2-8	1	3	X			X
RJE09	X		X			X			.543 (13.80)	.535 (13.59)	2-10	1-12	3	See Notes	X		X
Stacked Right Angle Modular Jacks																	
RJSAE	Bottom	Top	X	X		X	X		.100 (25.4)	.990 (25.14)	2-8	2,4,8	5	See Notes	X		X
Vertical Modular Jacks																	
RJHSE-3		X	X	X		X	X		.625 (15.88)	.610 (15.50)	2-8	1	5	See Notes	X		X
RJHSE-N		X	X	X		X	X		.621 (15.77)	.613 (15.57)	2-8	4,5	5	See Notes	X		X
RJE06	X		X			X			.656 (16.65)	.640 (16.26)	2-8	1	3	See Notes	X		X
RJE08	X		X	X		X			N/A	.645 (16.38)	2-10	1	3	See Notes	X		X
RJE23		X	X	X	X				N/A	.501 (12.72)	2-8	1	3	X		X	
Dual Row Vertical Modular Jacks																	
RJSVE		X	X			X	X		.621 (15.77)	.613 (15.57)	2-8	8-10	5	See Notes	X		X
Modular Jack Accessroies																	
FRJ2X11	RJ45 and RJ11 Dust Cover																
RJHSE-238D	Lead Free IR Reflow Solder Process Protective Heat Shield for Modular Jacks with integrated LED's																

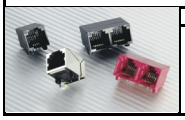
Tab Up Right Angle Single and Multiport RoHS Compliant Modular Jacks with Shield and LED Options in RJ45 and RJ11 Configuration

Typical Part Number Structure for Single Port - RJHSE-XXXX

Typical Part Number Structure for Multi Port - RJHSE-XXXX-XX

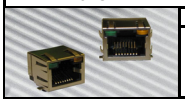
RJHSE	- X	X	X	X	- XX
	Type	Shielding	Number of Contacts	LED Option	# of ports
	X = 5 (RJ45) X = 7 (RJ11)	X = 3 For Shield X = 0 For No Shield	X = 1 to 8 (RJ45) X = 1 to 6 (RJ11)	X ≠ 0 For LED's X = 0 For No LED's See LED Options Table	XX = blank for 1 port XX = 02 for 2 port XX = 04 for 4 port etc. up to 8 ports

Typical Part Number Structure - RJE01-6XX-0X

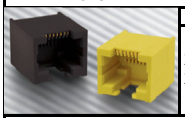
RJE01	- 6	X	X	- 0X
	Type	Number of Contacts	Shield Option	# of ports
	RJ11	X = 1 to 6	X = 0 No Shield X = 1 Shield X = 2 Solder Anchor X = 5 Shield No Tabs w PCB Tails	0X = 01 for 1 port 0X = 02 for 2 port

Surface Mount R/A Single and Multiport RoHS Compliant Modular Jacks with Shield, Light-Pipe and LED Options in RJ45 and RJ11 Configuration

Typical Part Number Structure - RJCSE-XXXX-01

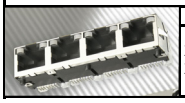
RJCSE	- X	X	X	X	- 01
	Type & Plating	Shielding	Number of Contacts	LED Option	# of Ports
	X = 5 (RJ45, 50u" Au) X = 4 (RJ45, 30u" Au) X = 3 (RJ45, 15u" Au)	X = 3 For Shield X = 0 For No Shield	X = 1 to 8	X ≠ 0 For LED's X = 0 For No LED's See LED Options Table	Single Port

Typical Part Number Structure - RJLSE-XXXXX-01T

RJLSE	- X	X	X	X	X	- 01	T
	Type	Plating	Shield Option	Number of Contacts	Housing Option	# of ports	Packaging
	X=4 (RJ45) X=6 (RJ11)	0 = Gold Flash 1 = 15u" Au 2 = 30u"Au 3 = 50u"Au	X = 0 No Shield X = 1 Shield X = 2 Solder Anchor	X = 1 to 8	X = 1 For Black Housing X = 2 For Yellow Housing X = 3 For Red Housing X = 4 Black Long Body	Single Port	Tape & Reel

Typical Part Number Structure for Single Port - RJSSE-XXXX

Typical Part Number Structure for Multi Port - RJSSE-XXXX-XX

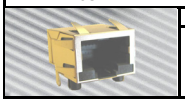
RJSSE	- X	X	X	X	X	- XX
	Type	Shield No Shield	Number of Contacts	Light-pipe/No Light-pipe	Light-pipe/No Light-pipe	# of ports
	X=5 (RJ45) X=7 (RJ11)	X=3 X=0	X = 1 to 8	X = 1 X = 0	X = 1 X = 0	XX = blank for 1 port XX = 02 for 2 port XX = 04 for 4 port

Typical Part Number Structure - RJE07-1XX-XXX0

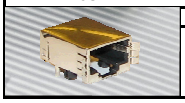
RJE07	- 1	X	X	- X	X	X	0
	# of Ports	# of Positions	# of Contacts	Shield Option	Plating Option	Flange Option	Modifier
	1	X=8 for RJ45 X=6 for RJ11	X = 4, 6 or 8 X = 4 or 6	X = 0 For No Shield X = 1 For Shield	X = 1 For 6u"Au X = 2 For 15u"Au X = 3 For 30u" Au X = 4 For 50 u" Au	X = 0 Without Flange X = 1 Flange Present	0 = Standard

Tab Down Right Angle Single and Multiport RoHS Compliant Modular Jacks with Shield, LED and Filter Options in RJ45 and RJ11 Configuration

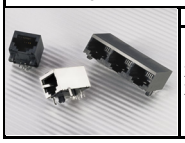
Typical Part Number Structure - RJSBE-XXXX-CX

RJSBE	- X	X	X	X	- CX
	Type	Shield & filter Option	Number of Contacts	LED Option	# of ports
	X = 5 for RJ45 X = 7 for RJ11	X = 0 No Shield X = 2 Shield + Filter X = 3 Shield	X = 1 to 8 (RJ45) X = 1 to 6 (RJ11)	X ≠ 0 For LED's X = 0 For No LED's See LED Options Table	CX = C1 for 1 port CX = C2 for 2 port CX = C4 for 4 port

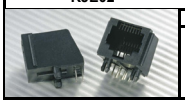
Typical Part Number Structure - RJULE-4X1XX-01X

RJULE	- 4	X	1	X	X	- '01	X
	Type	Plating	Housing Color	# of Contacts	Shield Option	# of ports	Packaging
	RJ45	X = 0 For 6u"Au X = 1 For 15u"Au X = 2 For 30u" Au X = 3 For 50 u" Au	Black	X = 2 to 8	X = 0 No Shield X = 1 Shielded Top/Side Panel Ground Tabs X = 2 Shielded with Rear Panel Ground tab X = 3 Shielded No Panel Ground Tabs	Single Port	Blank = Tray T = Tape/Reel

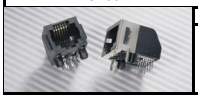
Typical Part Number Structure - FRJAE-XXX-XX

FRJAE	- X	X	X	- XX
	Type	Shield and Filter Option	Number of Contacts	# of ports
	X=4 (RJ45) X=6 (RJ11)	X = 0 No Shield X = 1 Filtered with Front Tab Shield X = 3 Front Tab Shield Only X = 4 Filtered Only X = 6 Filtered with Rear tab Shield X = 8 Rear tab Shield Only	X = 1 to 8	XX = 01 for 1 port XX = 02 for 2 port

Typical Part Number Structure - RJE02-1XX-0XX0

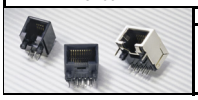
RJE02	- 1	X	X	- 0	X	X	0
	# of Ports	# of Positions	# of Contacts	Shield Option	Plating Option	Flange Option	Modifier
	1	X=8 for RJ45 X=6 for RJ11 X=4 for RJ9 X=A for RJ50	X = 4, 6 or 8 X = 4 or 6 X = 2 or 4 X = 10	0 = No Shield	X = 1 For 6u"Au X = 2 For 15u"Au X = 3 For 30u" Au X = 4 For 50 u" Au	X = 0 Without Flange X = 1 Flange Present	0 = Standard

Typical Part Number Structure - RJE03-1XX-XXX0

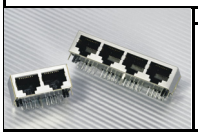
RJE03	- 1	X	X	- X	X	X	0
	# of Ports	# of Positions	# of Contacts	Shield Option	Plating Option	Flange Option	Modifier
	1	X=8 for RJ45 X=6 for RJ11 X=4 for RJ9 X=A for RJ50	X = 4, 6 or 8 X = 4 or 6 X = 2 or 4 X = 10	X = 0 For No Shield X = 1 For Shield	X = 1 For 6u"Au X = 2 For 15u"Au X = 3 For 30u" Au X = 4 For 50 u" Au	X = 0 Without Flange X = 1 Flange Present	0 = Standard

Tab Down Right Angle Single and Multiport RoHS Compliant Modular Jacks with Shield, LED and Filter Options in RJ45 and RJ11 Configurations

Typical Part Number Structure - RJE05-1XX-XX10

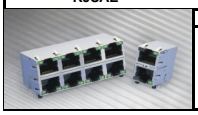
RJE05	- 1	X	X	- X	X	1	0
	# of Ports	# of Positions	# of Contacts	Shield Option	Plating Option	Flange Option	Modifier
	1	X=8 for RJ45 X=6 for RJ11 X=4 for RJ9 X=A for RJ50	X = 4, 6 or 8 X = 4 or 6 X = 2 or 4 X = 10	X = 0 For No Shield X = 1 For Shield	X = 1 For 6u"Au X = 2 For 15u"Au X = 3 For 30u" Au X = 4 For 50 u" Au	1 = No Flange	0 = Standard

Typical Part Number Structure for Single & Multi Port - RJE09-XXX-XXXX

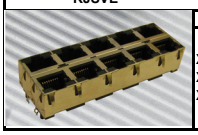
RJE09	- XXX	- X	X	X	0
	# of Ports # of Positions # of Contacts	Shield Option	Plating Option	Flange Option	Modifier
	XXX = 188 for single port 8P8C XXX = 1AA for single port 10P10C XXX = 288 for dual port 8P8C XXX = 488 for quad port 8P8C XXX = 688 for six port 8P8C XXX = 888 for octal port 8P8C	X = 0 For No Shield X = 1 For Shield	X = 1 For 6u"Au X = 2 For 15u"Au X = 3 For 30u" Au X = 4 For 50 u" Au	1 = No Flange	0 = Standard

Stacked Right Angle and Vertical RoHS Compliant Modular Jacks with Shield, LED and Filter Options in RJ45 and RJ11 Configurations

Typical Part Number Structure - RJSAE-XXXX-XX

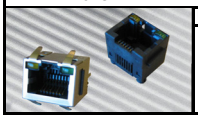
RJSAE	- X	X	X	X	- XX
	Type	Shield & filter Option	Number of Contacts	LED Option	# of ports
	X = 5 for RJ45 X = 7 for RJ11	X = 0 No Shield X = 2 Shield + Filter X = 3 Shield	X = 1 to 8 (RJ45) X = 1 to 6 (RJ11)	X ≠ 0 For LED's X = 0 For No LED's See LED Options Table	XX = 02 for 1 over 1 XX = 04 for 2 over 2 XX = 08 for 4 over 4

Typical Part Number Structure for Dual Row - RJSVE-XXXX-XX

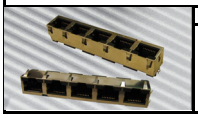
RJSVE	- X	X	X	X	- XX
	Type	Shielding	Number of Contacts	LED Option	# of ports
	X = 5 For Dual Row RJ45 X = 7 For Dual Row RJ11 X = P For press fit contact RJ45	X = 3 For Shield X = 0 For No Shield	X = 1 to 8 (RJ45) X = 1 to 6 (RJ11)	X ≠ 0 For LED's X = 0 For No LED's See LED Options Table	XX = 01 for 1 port XX = 04 for 4 port XX = 05 for 5 port XX = 08 for 8 port Dual Row XX = 0A for 10 port Dual Row

Vertical RoHS Compliant Modular Jacks with Shield and LED options in RJ45 and RJ11 Configurations

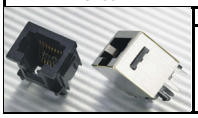
Typical Part Number Structure - RJHSE-XXXX

RJHSE	- X	X	X	X
	RJ45 RJ11	Shield Option	Number of Contacts	LED Option
	X=3 X=7	X = 0 No Shield X = 3 Shield X = P Shield	X = 2 to 8 (RJ45) X = 2 to 6 (RJ11)	X ≠ 0 For LED's X = 0 For No LED's See LED Options Table

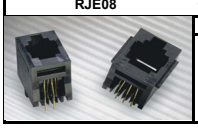
Typical Part Number Structure for Single Row - RJHSE-XXXX-XXX

RJHSE	- X	X	X	- X	X	X
	RJ45 RJ11	Shield Option	Number of Contacts	LED Option	Housing Colour	Number of Ports
	X=N X=D	X = 0 No Shield X = 3 Shield + Top & Side Tabs X = 4 Shield + Side Tabs Only X = 5 Shield + No Tabs X = 6 Shield + Top Tabs Only	X = 1 to 8	X ≠ 0 For LED's X = 0 For No LED's See LED Options Table	X = 0 for Black X = 6 For Grey	X = 4 X = 5

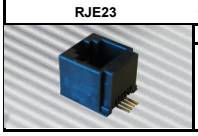
Typical Part Number Structure - RJE06-188-XXX0

RJE06	- 1	8	8	- X	X	X	0
	# of Ports	# of Postions	# of Contacts	Shield Option	Plating	Flange Option	Modifier
	1	8	8	X = 0 No Shield X = 1 Shield	X = 1 For 6u"Au X = 2 For 15u"Au X = 3 For 30u" Au X = 4 For 50 u" Au	X = 1 with Flange 2 = Without Flange	0 = Standard

Typical Part Number Structure - RJE08-1XX-0XX0

RJE08	- 1	X	X	- 0	X	X	0
	# of Ports	# of Postions	# of Postions	Place Holder	Plating	Flange Option	Modifier
	1	X = A for 10 X = 8 for 8 X = 6 for 6 X = 4 for 4	X = A for 10 X = 8 for 8 X = 6 for 6 X = 4 for 4	0 = Standard	X = 1 For 6u"Au X = 2 For 15u"Au X = 3 For 30u" Au X = 4 For 50 u" Au	X = 1 with Flange 2 = Without Flange	0 = Standard

Typical Part Number Structure - RJE23-1XX-XXX0T

RJE23	- 1	X	X	- X	X	X	0T
	# of Ports	# of Postions	# of Contacts	Shield Option	Plating	Flange Option	Modifier
	1	X = 8 for 8 X = 6 for 6 X = 4 for 4 X = 2 for 2	X = 8 for 8 X = 6 for 6	X = 0 for No Shield X = 1 for Shield	X = 1 For 6u"Au X = 2 For 15u"Au X = 3 For 30u" Au X = 4 For 50 u" Au	X = 1 With Flange X = 2 No Flange	0T = Standard part packed in Tape and Reel

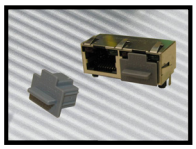
Modular Jacks

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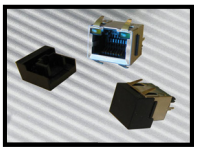
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Now you're connected

Acessories for Modular Jack Connectors



FRJ-2411 dust cover for RJ45 connectors and the FRJ-2611 dust cover for RJ11 connector are ideal for protecting the internal structure of the connector from dust and moisture contamination



Innovative design and research are behind the development of the RJ protective LED Heat Shield. This shield protects the LED during the Lead Free IR Reflow Process. Without this heat protection many of the LED's would fail immediately after reflow or worse, in the field.

Standard LED Options

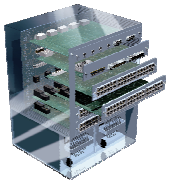
LED 2 \ LED 1	X	LED 2	LED 1	X	LED 2	LED 1	X	LED 2	LED 1
	0	Blocked	Blocked	5	Green	Green	A	BiC GR/Y	BiC GR/Y
	1	Yellow	Green	6	Yellow	Yellow	B	BiC RD/GR	BiC RD/GR
	2	Blocked	Green	7	Red	Green	C	BiC RD/GR	BiC GR/Y
	3	Yellow	Blocked	8	Green	Red	D	Green	BiC GR/Y
	4	Green	Yellow	9	Green	Blocked	E	Yellow	BiC GR/Y
	Other LED options are available, if you do not see what you are looking for please visit www.amphenolcanada.com or call 416-754-5656 and request complete LED ordering options.								

Notes:

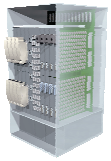
- **Modular Jacks with integrated LED's are not suitable for Lead Free IR Reflow process unless accompanied with protective LED Heat Shield**
- **Standard RJE0X series with through hole termination contacts are not suitable for IR reflow but can be ordered in high temperature material. Please contact factory for details**
- **Connectors suitable for IR reflow process have Moisture Sensitivity Level (MSL) of 2-2A**
- **Select RJSAE and FRJAE series are available with ferrite filtering. Please contact factory for details**
- **Low cost RJHSE series is available under RJESE series identifier. Please visit web site or contact factory for details**

Amphenol Modular Jack Applications:

NETWORKING



TELECOM



STORAGE





SERVERS





MEDICAL & INDUSTRIAL EQUIPMENT



HOME & OFFICE EQUIPMENT



CONSUMER ELECTRONICS



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Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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