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Cat5/5e

Molex's broad range of Modular Jacks and Plugs provides versatile solutions that meet today's bandwidth requirements and the ever increasing need for the transfer of information.

Cat3

The extensive breadth of products offers exceptional performance and reliability for voice, data and high-speed networking applications, and are the ideal solution for consumer, office, medical, commercial and industrial applications.

Reference Information

Circuit sizes: 4, 6, 8 contacts

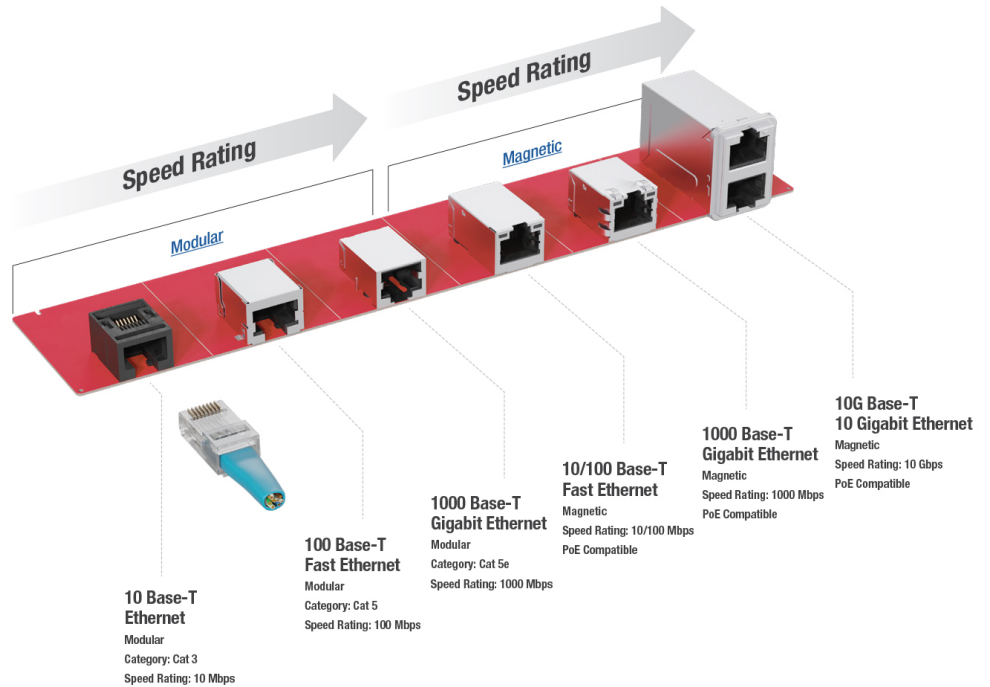Mating direction:
   Right angle, vertical

Shielding: With and without

Number of ports: Single, multiport
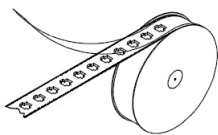
Soldering: Through hole, SMT

Speeds: Cat3, Cat5, Cat5E, One of the largest selections of modular jacks in the industry

Molex Modular Jacks provide high-quality performance with competitive prices and lead times.

Speed Rating

Speed Rating

Magnetic

Modular

10 Base-T Ethernet
Modular
Category: Cat 3
Speed Rating: 10 Mbps

100 Base-T Fast Ethernet
Modular
Category: Cat 5
Speed Rating: 100 Mbps

1000 Base-T Gigabit Ethernet
Modular
Category: Cat 5e
Speed Rating: 1000 Mbps

10/100 Base-T Fast Ethernet
Magnetic
Speed Rating: 10/100 Mbps
PoE Compatible

1000 Base-T Gigabit Ethernet
Magnetic
Speed Rating: 1000 Mbps
PoE Compatible

10G Base-T 10 Gigabit Ethernet
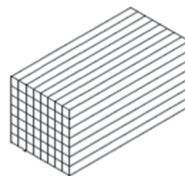Magnetic
Speed Rating: 10 Gbps
PoE Compatible

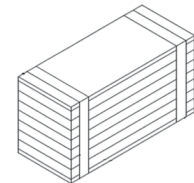Visit **Molex.com** for more information about Molex's Magnetic Jack offering.
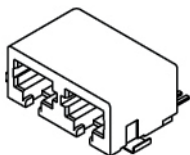
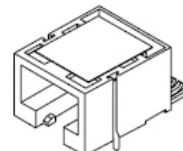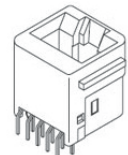## Packaging Types

Tape and reel

Tube

Tray

Orientation Types

2 ports
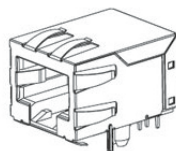
Right angle

SMT

Vertical

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Ordering Information

	Series	Orientation	Ports	Category	PCB attachment		Shielding	LED	Positions/Loaded Contacts	Height (mm)	Description
					Signal tails	Body tails					
	44915	N/A	1	6	N/A	N/A	None	No	8/8	N/A	Long body plug
	95009	Right angle	1	3	Through hole	Through hole	X	No	4/4 6/4 6/6 8/8	16.00	Flush or flange
	95501									11.50	Optional Key
	95622				Through hole, SMT		External shield		8/8	13.00	Shield tabs and solder pins
	95540						Internal shield			11.50	SMT or through hole shield tabs/nails
	85502				SMT	Through hole, SMT	X		4/4 6/4 6/6 8/8		
	85542			5	Through hole, SMT		External shield		8/8	13.00	Shield tabs
	85543				Through hole, SMT	Through hole, SMT					Shielded with optional EMI tabs
	85503				Through hole	Through hole	X			11.50	Unshielded through hole
	85504						Internal shield				Internally shielded
	85505						External shield			13.00	Optional EMI tabs
	43202			3			External none	No	4/2, 4/4, 6/2, 6/4, 6/6, 8/2, 8/4, 8/6, 8/8, 8/10	11.58/ 11.81.12.09	Ultra-low profile
	43249								6/2, 6/4, 6/6, 8/6, 8/8, 8/10	12.83/13.00	Shield option on 8-circuit only
	43743				SMT	SMT	None		6/2, 6/4, 6/6, 8/4, 8/6, 8/8	11.74	Outboard fitting nails
	43860				Through hole	Through hole	External, none	Lightpipes & N	6/2, 6/4, 6/6, 8/4, 8/8	13.21/13.53/ 13.54	Inverted, available with or without lightpipes
	44144				SMT	SMT	None	No	6/2, 6/4, 6/6, 8/2, 8/4, 8/6, 8/8	11.73	Inboard fitting nails
	44282								8/8	12.19	Low profile
	44380				Through hole	Through hole	External, none	Lightpipes & N	6/4, 6/6, 8/4, 8/6, 8/8	13.21/ 13.53	Mini PCIe available with or without lightpipes
	44620							1 Lightpipe		13.21/ 13.46	RJ-11 keep-out feature, single lightpipe
	44050			5e				No	8/8	12.83/ 13.06	Option to omit side tabs for side-to-side stacking
	44661						External			9.19/ 9.53	Three different shielding options

Ordering Information

	Series	Orientation	Ports	Category	PCB attachment		Shielding	LED	Positions/Loaded Contacts	Height (mm)	Description
					Signal tails	Body tails					
	43814	Right angle	2	3	Through hole	Through hole	None	No	6/2, 6/4, 6/6	12.70	Inverted flangeless
	43841		2	3			None	No	6/2, 6/4, 6/6, 8/4, 8/6, 8/8	11.80	Outboard fitting nails
	44193										Inboard fitting nails
	43223		2, 3, 4, 5, 6, 8	3			External, none	No	6/2, 6/4, 6/6, 8/4, 8/6, 8/8, 8/10	12.83/13.31	Multi-port, low profile
	44560		2, 4	5e			External, none	No	8/8	9.19/9.53	Low profile
	44150	Right angle	2, 4, 6, 8	5e			External, none	No	8/8	12.83/13.31	Press-fit or snap-fit pegs
	44248		2, 4	3			External, none	Lightpipes	6/4, 6/6, 8/8	13.21/13.45	Inverted
	44170		8, 12, 16	5e			External	Lightpipes	8/8	25.41	Press-fit or snap-fit pegs
	44520							No			
	95503	Vertical	1	3	Through hole, SMT		X	No	4/4 6/4 6/6 8/8	12.7 or 15.7	Flush or flange. Low or high profile
	95522				Through hole		X		4/4 6/4 6/6 8/8	16.25	Flush or flange
	95551						X		6/6	16.25	Offset plug latch
	95552						Internal shield		8/8		Internally shielded flush or flange
	95623						External shield			16.50	Shielded top entry
	85510				SMT	SMT	X		4/4 6/4 6/6 8/8	15.70	SMT solder tabs, optional pick & place tape
	85513						X			12.70	
	85506			5	Through hole	Through hole	X	No	8/8	16.30	Unshielded through hole
	85507						Internal shield			16.25	Flush or flange
	85508						External shield			16.50	Shielded top entry
	85511						X			12.70 or 15.70	Low and high profile
	42410			3	Through hole	Through hole	External		4/2, 4/4, 6/2, 6/4, 6/6, 8/2, 8/4, 8/6, 8/8	16.38	Flush/flangeless
	42878			3	Through hole		None		8/2, 8/4, 8/6, 8/8, 8/10	12.70	
	43090					No			8/8, 8/10		Radius housing