

Magnetic Jacks

Molex magnetic jacks are available supporting 10/100 and Gigabit transmission. Additionally Molex offers Power over Ethernet (PoE) magnetic jacks. These are offered with and without PoE controllers for both power source equipment or power device applications.

Cat5/5e

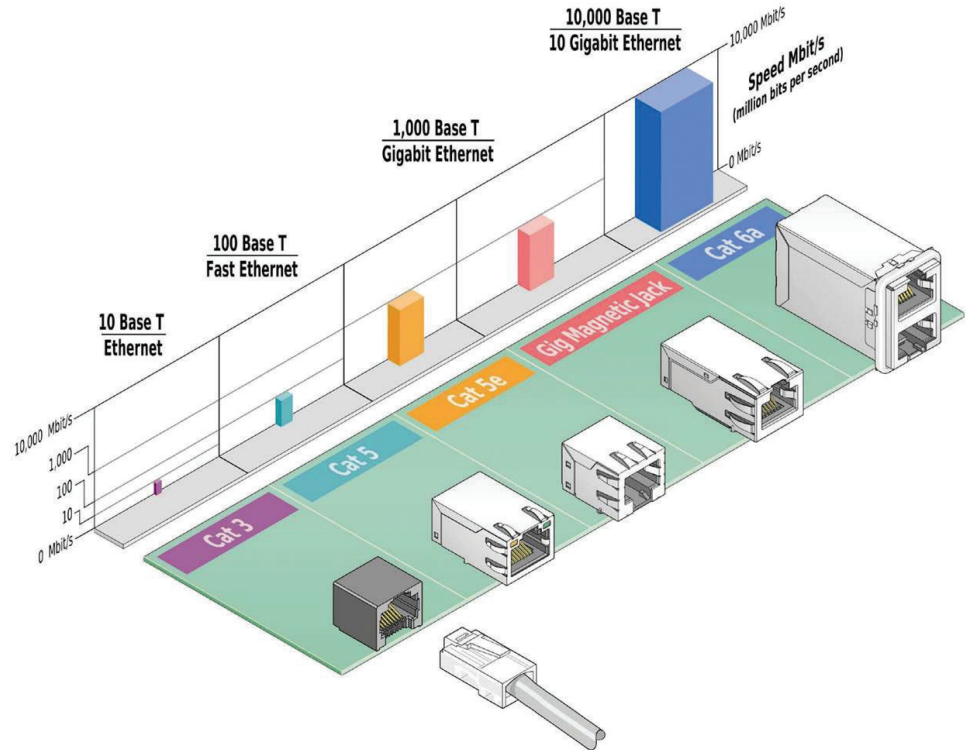
Molex's broad range of Modular Jacks and Plugs, with more than 1000 different parts, provides versatile solutions to meet today's increasing demand for information flow with greater bandwidth requirements.

Cat3

The extensive breadth of products offer 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
- Magnetics: LEDs, light pipes
- Speeds: Cat3, Cat5, Cat5E, Cat6a
- Large variety of modular jacks in the industry



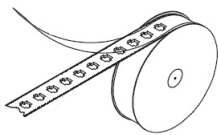
Quality/Price competitive

- Competitive prices within most ranges
- Fully automated manufacturing plant in Lincoln, NE, USA

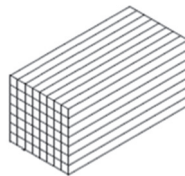
Delivery

- Short lead time

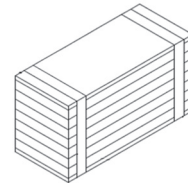
Packaging Types



Tape and reel

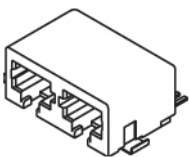


Tube

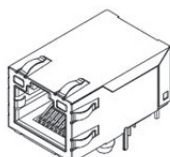


Tray

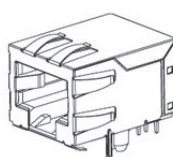
Orientation Types



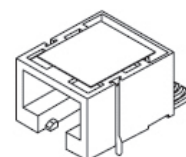
2 ports



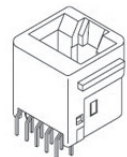
Right angle with LED



Right angle



SMT
























Vertical






















Ordering Information

	Series	Orientation	Ports	Category	PCB attachment		Shielding	LED	Positions/ Loaded Contacts	Height (mm)	Description		
					Signal tails	Body tails							
	95502	Bottom entry	1	3	Through hole	Through hole	X	No	4/4 6/4 6/6 8/8	12.58	Bottom entry		
	44915	N/A		6	N/A	N/A	None		8/8	N/A	Long body plug		
	48253			5e			External				In-line coupler		
	90075	Plug		3	N/A	N/A	X		4/4 6/4 6/6 8/8	N/A	Short body modular plug		
	95043			5			External shield				Short body modular plug		
	95009	Right angle		3	Through hole	Through hole	X		4/4 6/4 6/6 8/8	16.00	Flush or flange		
	95501				Through hole					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	13.00	Shield tabs	
	85542				Through hole, SMT				External shield			Through hole shield nails	
	93242				SMT	Through hole	Shielded with optional EMI tabs						
	85543				Through hole, SMT	Through hole, SMT			11.50	Unshielded through hole			
	85503				5	Through hole	Through hole			X	8/8	11.50	Internally shielded
	85504								Internal shield			13.00	Optional EMI tabs
	85505								External shield				13.87
	85791				Gig Magnetic	Through hole	Through hole		External shield	Yes	13.87	Gig magnetic jack	
	85793	Gig PoE+ enabled magnetic jack											
	85789												
	43202	3		SMT	SMT	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		6/2, 6/4, 6/6, 8/4, 8/6, 8/8					11.74	Outboard fitting nails				

Ordering Information

	Series	Orientation	Ports	Category	PCB attachment		Shielding	LED	Positions/ Loaded Contacts	Height (mm)	Description		
					Signal tails	Body tails							
	43860	Right angle	1		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						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						No	12.83/ 13.06	Option to omit side tabs for side-to-side stacking				
	44661					5e	Through hole	External	8/8	9.19/ 9.53	Three different shielding options		
	48146						LED	13.21	Shortened leads				
	48074						Yes	13.45	10/100				
	48025					5, Magnetics	SMT	External, none		Yes, No	26.6/13.3		
	43814					2	3	Through hole	None	No	6/2, 6/4, 6/6	12.70	Inverted flangeless
	43841										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		2, 4, 6, 8	5e	Through hole	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				
	67838	Right angle	8, 12, 16	3	Through hole	External	Lightpipes	8/8	27.20	Press-fit or snap-fit pegs			
	44170			5e					25.41				
	44520												
	85726												
	85727									Ganged Gig magnetic jack			

Ordering Information

	Series	Orientation	Ports	Category	PCB attachment		Shielding	LED	Positions/ Loaded Contacts	Height (mm)	Description						
					Signal tails	Body tails											
	85735	Right angle	8	Gig Magnetic	Through hole		External shield	Yes	8/8	25.46	Ganged Gig PoE+ integrated magnetic jack						
	85734										Ganged Gig magnetic jack						
	85717		12								Ganged Gig PoE+ enabled magnetic jack						
	85718										Ganged Gig magnetic jack						
	85728										Ganged Gig PoE+ enabled magnetic jack						
	85732		8 or 12														
	85731																
	95503	Vertical	1	3	Through hole, SMT	Through hole	X	No	4/4 6/4 6/6 8/8	12.7 or 15.7	Flush or flange. Low or high profile						
	95522										Flush or flange						
	95551										Offset plug latch						
	95552										Internally shielded flush or flange						
	95623										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														12.70		
	85506										5	Through hole	Through hole	Internal shield	8/8	16.30	Unshielded through hole
	85507															16.25	Flush or flange
	85508															16.50	Shielded top entry
	85511															12.70 or 15.70	Low and high profile
	42410															3	Through hole
	42878										8/2, 8/4, 8/6, 8/8, 8/10	12.70					
	43090										No		None	8/8, 8,10	Radius housing		

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