

Magnetic Jacks

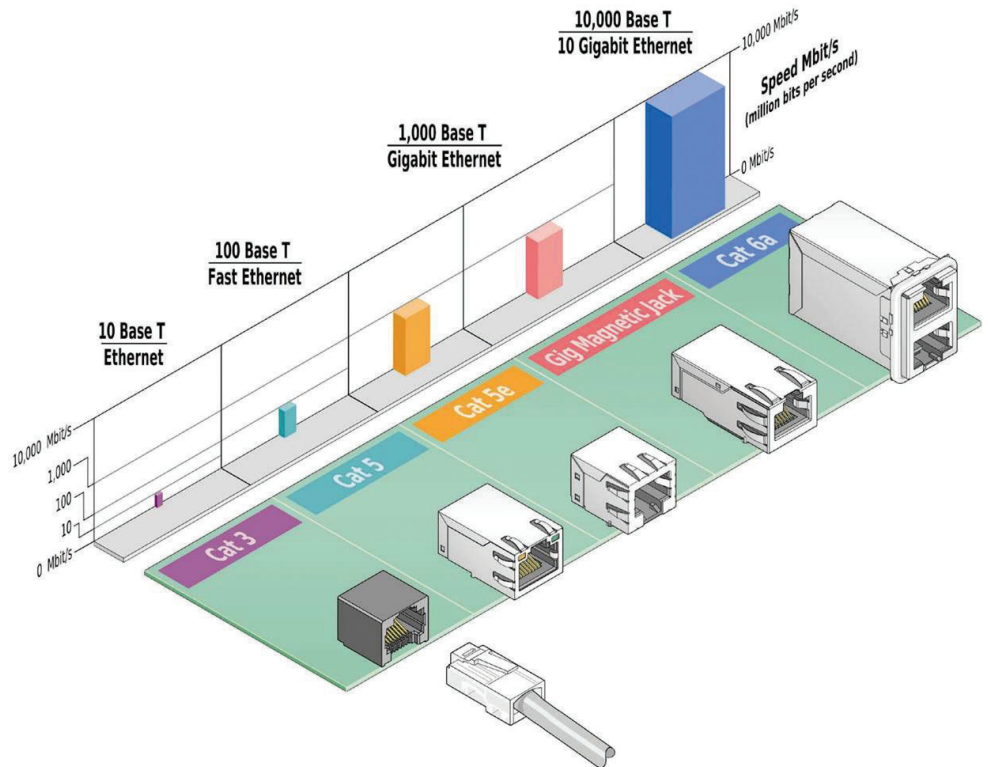
Molex magnetic jacks are available supporting 10/100 and Gigabit transmission. Additionally Molex offers Power over Ethernet (PoE) magnetic jacks. These are offered with and without PoE controllers for both power source equipment or power device applications.

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

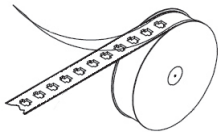
Competitive prices within most ranges

Fully automated manufacturing plant in Lincoln, NE, USA

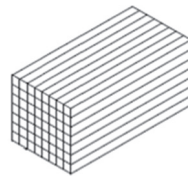
Delivery

Short lead time

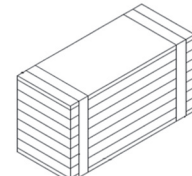
Packaging Types



Tape and reel

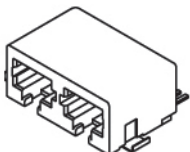


Tube

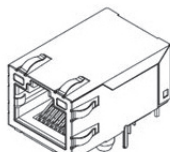


Tray

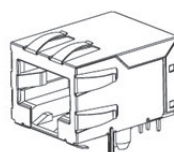
Orientation Types



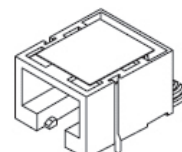
2 ports



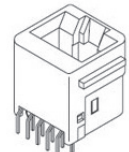
Right angle with LED



Right angle



SMT



Vertical

Ordering Information

	Series	Orientation	Ports	Category	PCB attachment		Shielding	LED		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			16.15	In-line coupler				
	90075	Plug		3			X		4/4 6/4 6/6 8/8						
	95043			5			External shield		8/8						
	95009	Right angle		3	Through hole	Through hole	X		4/4 6/4 6/6 8/8	14.99	Flush or flange				
	95501									11.50	Optional Key				
	95622				Through hole, SMT		External shield		13.00	Shield tabs and solder pins					
	95540					Internal shield	11.50		SMT or through hole shield tabs/nails						
	85502				SMT	X									
	85542				Through hole, SMT		13.00		Shield tabs						
	93242				External shield	Through hole shield nails									
	85543				SMT	SMT			Shielded SMT with optional EMI tabs						
	85503				5				X	8/8	11.50	Unshielded through hole			
	85504								Internal shield			Internally shielded			
	85505										13.00	Optional EMI tabs			
	85791							Gig Magnetic	Through hole		Through hole	External shield	Yes	13.87	Gig magnetic PoE+ PDjack
	85793														Gig magnetic jack
	85789			Gig PoE+ enabled magnetic jack											
	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

Ordering Information

	Series	Orientation	Ports	Category	PCB attachment		Shielding	LED		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				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	8/8	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									9.19/9.53	Three different shielding options		
	48146						LED	13.21		Shortened leads			
	48074						Yes	13.45		10/100			
	48025						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						8/8	9.19/9.53	Low profile	
	44150		2, 4, 6, 8	5e	External, none	No			8/8	12.83/13.31	Press-fit or snap-fit pegs		
	44248		2, 4	3		Lightpipes			6/4, 6/6, 8/8	13.21/13.45	Inverted		
	67838		8, 12, 16	3	External	Lightpipes			8/8	27.20	Press-fit or snap-fit pegs		
	44170			5e						25.41			
	44520					No							
	85726												
	85727												

Ordering Information

	Series	Orientation	Ports	Category	PCB attachment		Shielding	LED		Height (mm)	Description
					Signal tails	Body tails					
	85735	Right angle	8	Gig Magnetic	Through hole	Through hole	External shield	Yes	8/8	25.46	Ganged Gig PoE+ integrated magnetic jack
	85734		12								Ganged Gig magnetic jack
	85717										Ganged Gig PoE+ enabled magnetic jack
	85718										Ganged Gig magnetic jack
	85728		8 or 12								Ganged Gig PoE+ enabled magnetic jack
	85732										Ganged Gig magnetic jack
	85731										Ganged Gig PoE+ enabled magnetic jack
	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				Through hole					16.25	Flush or flange
	95551								6/6		Offset plug latch
	95552						Internal shield		8/8		Internally shielded flush or flange
	95623				External shield		16.50			Shielded top entry	
	85510			3	SMT	SMT	X		4/4 6/4 6/6 8/8	15.70	SMT solder tabs
	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						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						None		8/2, 8/4, 8/6, 8/8, 8/10	12.70	
	43090					No	8/8, 8,10		Radius housing		