

Magnetic Jacks

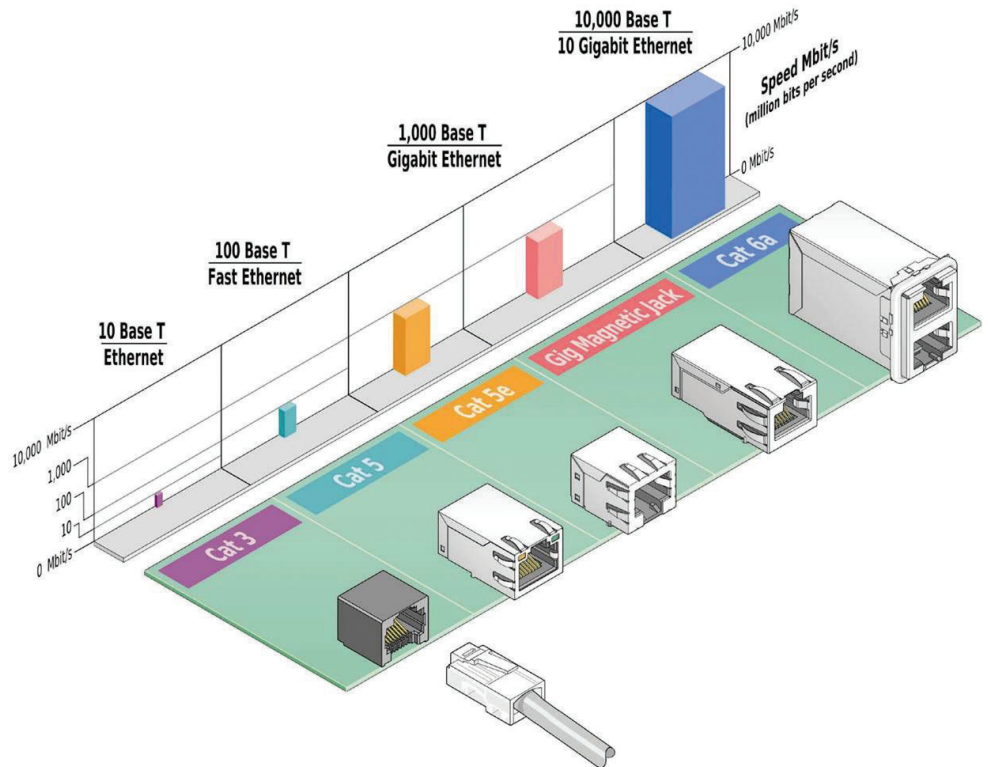
Molex magnetic jacks are available supporting 10/100 and Gigabit transmission. Additionally Molex offers Power over Ethernet (PoE) magnetic jacks. These are offered with and without PoE controllers for both power source equipment or power device applications.

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

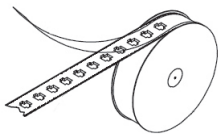
Competitive prices within most ranges

Fully automated manufacturing plant in Lincoln, NE, USA

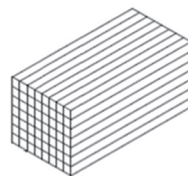
Delivery

Short lead time

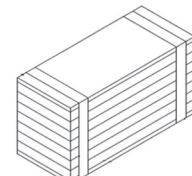
Packaging Types



Tape and reel

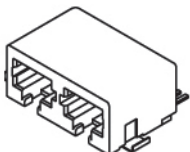


Tube

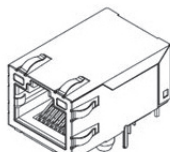


Tray

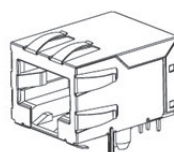
Orientation Types



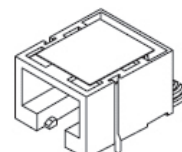
2 ports



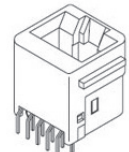
Right angle with LED



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	External shield	13.00		Shield tabs			
	93242								Through hole	Through hole shield nails		
	85543				SMT	SMT	Shielded SMT with optional EMI tabs					
	85503			5			X		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
	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

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											Ganged Gig magnetic jack			

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
	85732										
	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				Through hole					16.25	Flush or flange
	95551								6/6		Offset plug latch
	95552						8/8		Internally shielded flush or flange		
	95623								16.50	Shielded top entry	
	85510				SMT		SMT		X	4/4 6/4 6/6 8/8	15.70
	85513			12.70							
	85506			5	Through hole	Through hole	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	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