molex

Modular Jacks

Magnetic Jacks

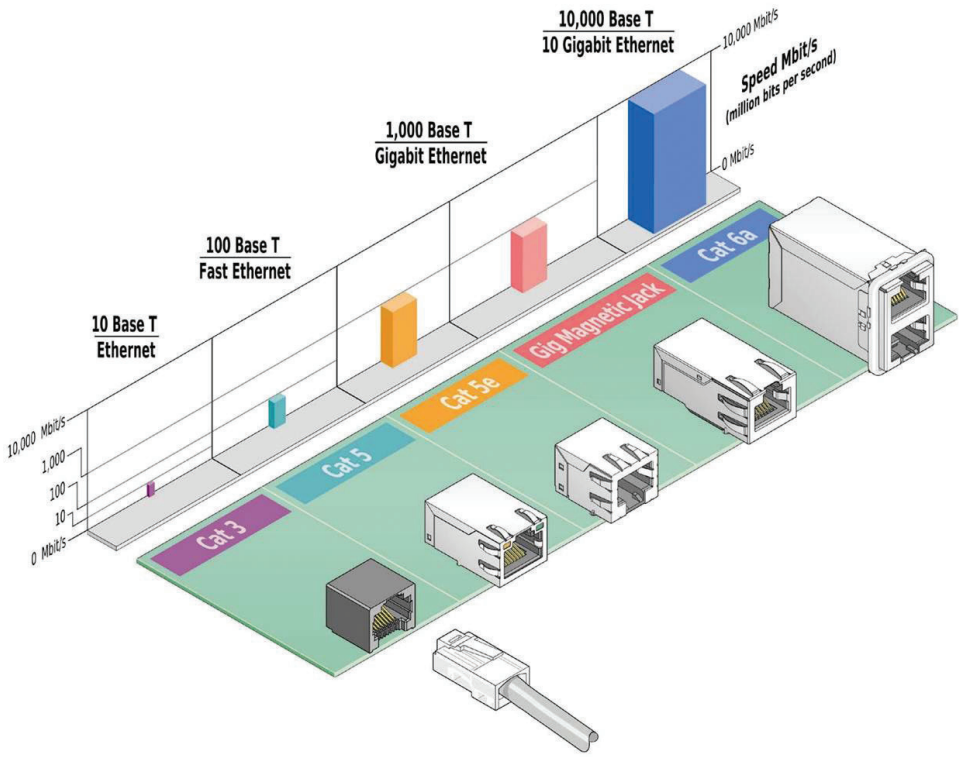
Molex magnetic jacks are available supporting 10/100 and Gigabit transmission. Additionally Molex offers Power over Ethernet (PoE) magnetic jacks. These are offered with and without PoE controllers for both power source equipment or power device applications.

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

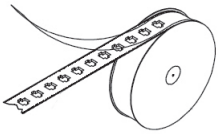
Competitive prices within most ranges

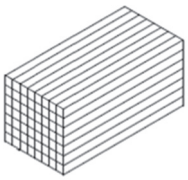
Fully automated manufacturing plant in Lincoln, NE, USA

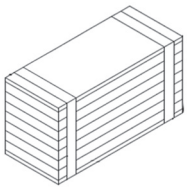
Delivery

Short lead time

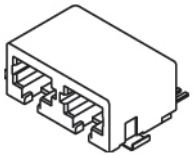
Packaging Types

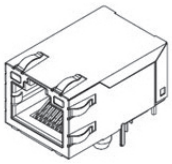

Tape and reel

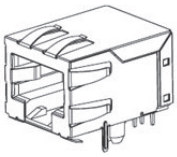

Tube

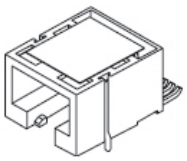

Tray

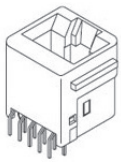
Orientation Types


2 ports


Right angle with LED


Right angle


SMT


Vertical

molex®

Modular Jacks

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			16.15	In-line coupler
	90075	Plug		3			X		4/4 6/4 6/6 8/8	N/A	Short body modular plug
	95043			5			External shield		8/8		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, SMT					11.50	Optional Key
	95622						External shield		8/8	13.00	Shield tabs and solder pins
	95540					Through hole, SMT	Internal shield			11.50	SMT or through hole shield tabs/nails
	85502				SMT		X		4/4 6/4 6/6 8/8		
	85542				Through hole, SMT		External shield		8/8	13.00	Shield tabs
	93242				SMT	Through hole					Through hole shield nails
	85543			5	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
	85791			Gig Magnetic				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	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						External, none		8/8	12.19	Low profile
	44380				Through hole	Through hole		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			5e				No		12.83/ 13.06	Option to omit side tabs for side-to-side stacking
	44661						External			9.19/ 9.53	Three different shielding options
	48146							LED		13.21	Shortened leads
	48074			5, Magnetics	SMT			Yes		13.45	10/100
	48025				Through hole		External, none	Yes, No		26.6/13.3	
	43814		2	3			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	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				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	Positions/ Loaded Contacts	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										
	85728		8 or 12								Ganged Gig magnetic jack
	85732										Ganged Gig PoE+ enabled magnetic jack
	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						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									12.70	
	85506			5	Through hole	Through hole			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						None		8/2, 8/4, 8/6, 8/8, 8/10	12.70	
	43090					No			8/8, 8,10		Radius housing

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.

Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.