Modular Jacks and Plugs

Right Angle Jacks

ligh Speed n		egory 5e							
angeless Low P	rofile								
	Series	Tape and Reel	Tray Packed	SMT	Surface Mount Compatible	Wave Solde	Sh	nielded	Select Gold plating: 50µ" 85505 and 85543 panel grounding option
	85503		\checkmark		*	\checkmark			available
	85004		<i>✓</i>			1	lr	nternal	Exceeds Category 5e performance
	85505		1		*	1		\checkmark	Circuit size offered: 8/8
Real of the second seco	44050		1			1		✓	 Select Gold plating: 50µ" Exceeds Category 5e performance
	85543	1						/	Circuit size offered: 8/8
	44661	•	1	V					Under 10.00mm (.394") in height
verted Flangele		<u>د</u>	V			V		v	
	Series	Tube Packed	Tray Packed	Surface Mount Compatible	Optional Shield	Side-by-Side Stackable	Sh	hielded	Select Gold plating: 50µ"
	48146		1		1			\checkmark	Shortened leads with bottom contacts
ulti-Port						l		•	
		Tano and			Surface Mount				Select Gold plating: 50µ"
	Series	Tape and Reel	Tray Packed	SMT	Compatible	Wave Solde	Sh	nielded	Exceeds Category 5e performance Available in 2, 4, 6 and 8 port configurations
	44150		1			1		\checkmark	Circuit size offered: 8/8
CET .	44560		1			 ✓ 			Under 10.00mm (.394") in height
acked Multi-Po	rt		•		I	•		•	
		Tape and			Surface Mount Compatible			With	Select Gold plating: 50µ"
	Series	Reel	Tray Packed	SMT	Compatible	Wave Solde	Shielded	Lightpipes	Snap-fit or press-fit pegs
	44170		1			1	1	1	 Available in 2x4, 2x6 and 2x8 port configuration Circuit size offered: 8/8
	44520		1			1	1		 Select Gold plating: 50µ" Snap-fit or press-fit pegs Available in 2x4, 2x6 and 2x8 port configuration Circuit size offered: 8/8
agnetic			1						
perJack 10/10	00								
	Series	Tube I	Packed	Tray Packed	Surface Mou Compatible		MT	Shielded	 Select Gold plating: 50µ" Integrated magnetics
	48074		/	1			/	\checkmark	Meets IEEE 802.3
	48025		/						Integrated LEDs
	48033		,	\checkmark				\checkmark	Single port Stacked and ganged 8 and 16 port
	40033			V				V	
TN									
w Profile Pick-	and-Place								
	Series	Tape a	nd Reel	Side-by-Side Stackable	Surface Mou Compatible		g Nails	Shielded	Select Gold plating: 50µ"
	43743		/		*	Out	board		Height: 11.80mm (.465")
	44144		/	 Image: A start of the start of	*	Inhoa	d/Flush		8/8
		v		•			.,		
	44282	v	/		*			\checkmark	 Select Gold plating: 50µ" Circuit size offered: 8/8
	43841		/		*	Out	ooard		 Select Gold plating: 50μ" Height: 11.80mm (.465")
	44193	~	/	\checkmark	*	Inboa	d/Flush		Circuit sizes offered: 6/2, 6/4, 6/6, 8/4, 8/ 8/8

 $^*\mbox{Product}$ compatible with 230°C soldering temperature.

molex

Modular Jacks and Plugs

Right Angle Jacks (cont.)

Low Profile Pick-		ont.)									
	Series	Tape and	Reel Sid	e-by-Side tackable	Surface I Compa	Nount	Fitting	Nails		Shielded	Select Gold plating: 50µ"
	85502				Compa						Available in SMT or with metal locating pege Supplied with high temperature kapton tape
	85542	 ✓ 								\checkmark	Circuit sizes offered: 4/4, 6/4, 6/6, 8/8
	95040	<i>✓</i>		\checkmark						Internal	85542 and 95040 offered as 8/8 only
Flangeless Low P	rofile										
	Series	Tape and Reel	Tube Packed	Surface Moun	it Wave Solder		Key Option		ielded	PCB Ground- ing Option	Select Gold plating: 50µ"
	95001		\checkmark	<i>✓</i>		1	 Image: A start of the start of				Circuit sizes offered: 4/4, 6/4, 6/6, 8/8 (95122 is 8/8 only)
	95122	<i>✓</i>	\checkmark	 ✓ 					\	 ✓ 	(75122 15 0/ 0 01119)
	95040		\checkmark	*	1			In	ternal	1	Select Gold plating: 50µ"
	95060		\checkmark	*			✓ Inter		ternal	1	Circuits sizes offered: 8/8
Flange Mount											
		Series	Т	ray Packed		e Mount patible	Wa	ve Solder		Key Option	Select Gold plating: 50µ"
	41314			\checkmark			1				Circuit sizes offered: 4/2, 4/4, 6/2, 6/4, 6/ 8/2, 8/4, 8/6, 8/8
Flush Mount											
		Series	Т	ray Packed		e Mount patible	Wa	ve Solder		Key Option	Select Gold plating: 50µ"
		42063		\checkmark				✓		1	 Circuit sizes offered: 4/2, 4/4, 6/2, 6/4, 6/6 8/2, 8/4, 8/6, 8/8
		41369		\checkmark				\checkmark			
Flangeless											
		Series	Т	ray Packed	Surface Mount Compatible		t Wave Solder			Key Option	Select Gold plating: 50µ"
		42118		1			√			 Image: A start of the start of	 Circuit sizes offered: 4/2, 4/4, 6/2, 6/4, 6/0 8/2, 8/4, 8/6, 8/8
		41687		1				1			
Flush Mount with	n Offset Latch	1									
	Series	Tube P	acked T	ray Packed		e Mount patible	Wa	ve Solder		Key Option	 Select Gold plating: 50µ" Prevents mismating of standard FCC 68 plugs,
	42313	1	·	· /				✓			compatible with DEConnect I/O Circuit size offered: 6/6
8 Circuit Body /	6 Circuit From	nt Face									
	Series	Tube Packe	d Tray Pa		e Mount patible	Wave Se	older	Key Opt	tion	Shielded	■ Select Gold plating: 50µ" ■ Low profile height of 12.45mm (.490")
٩.	43685	1	1		*	1	,				Circuit sizes offered: 6/4, 6/6, 8/4, 8/8
	43003			*						 Select Gold plating: 50µ" Ultra low profile height of 11.58mm (.456") Circuit sizes offered: 8/4, 8/6 	

*Product compatible with 230°C soldering temperature.



Right Angle Jacks (cont.)

Inverted Flar	Inverted Flangeless with Lightpipes (cont.)											
Multi-Port												
	Series Tube Packed 44248		Tray Packed	Surface Mount Compatible	Optional Shield	Side-by-Side Stackable	Select Gold plating: 50µ" Offered in press-fit or snap-fit pegs					
			1		1		Available in 2, 4, 6 and 8 port configurations Circuit sizes offered: 6/4, 6/6, 8/2, 8/4, 8/6, 8/8					
RJ-11 and RJ-45	o Combinatio	n Modular Ja	ick				·					
	Series	Tube Packed	Tray Packed	Surface Mount Compatible	Optional Shield	Side-by-Side Stackable	 Select Gold plating: 50µ" Offered in press-fit or snap-fit pegs 					
	44580		1		1		Available in 2, 3, 6 and 8 port configurations Circuit sizes offered: 6/4, 6/6, 8/8					

Flush Mount													
8 Circuit Body, 6 Circuit Face													
	Series	Tray Packed	Surface Mount Compatible	Wave Solder	Select Gold plating: 50µ" For manufacturers using 6 and 8 circuit jacks in								
	42537	1		\checkmark	the same panel Circuit size offered: 6/6								
Standard Profile													
	Series	Tray Packed	Surface Mount Compatible	Wave Solder	Select Gold plating: 50µ"								
	95009	1		\checkmark	Circuit sizes offered: 4/4, 6/4, 6/6, 8/8								

	Flush/Flange	less										
	Low Profile											
		Series	Series Tube Packed				Surface Mount Opt Compatible Sh		Optional Shield Key Optio		PCB Ground- ing Option	Option of flush or flangeless mount
		43249	1	1		*	*			1	1	 Height 12.83mm (.505") without shield Shield option on 8 circuit only Circuit sizes offered: 6/2, 6/4, 6/6, 8/6, 8/8, 8/10
	Multi-Port, Low I	Profile										
5		Series Tube		Packed Tray Packe		Packed	Surface Mount Compatible		Optional Shield		PCB Grounding Option	 Select Gold plating: 50µ" Option of flush or flangeless mount Surface Mount Compatible—Depending on cus-
		43223	3			1		* ,		1	1	 Number of ports offered: 2, 3, 4, 5, 6, 8 Circuit sizes offered: 6/2, 6/4, 6/6, 8/4, 8/6, 8/8, 8/10

Flangeless							
Ultra Low Profile							
	Series	Tube Packed	Tray Packed	Surface Mount Compatible	Optional Shield	PCB Grounding Option	Select Gold plating: 50μ" Height: 11.58mm (.456") without shield
	43202	1	1	*	1	1	 Shield option on 8 circuit only Circuit sizes offered: 4/2, 4/4, 6/2, 6/4, 6/6, 8/6, 8/8, 8/10

 * Product compatible with 230°C soldering temperature



Right Angle Jacks (cont.)

43 Mini-PCI Mini-PCI Sa 44 RJ-45 with RJ-11 Keep Sa Multi-Port Sa Multi-Port Sa Autor Sa Autor Auto	eries Tu 3814	be Packed	Tray Packed	Surface Ma Compatib * * Surface Ma Compatib *	le Śhi	onal		de Stackable	 Select Gold plating: 50µ" Shortened leads with bottom contacts Circuit sizes offered: 6/2, 6/4, 6/6 Select Gold plating: 50µ" Shortened leads with bottom contacts Footprint and housing commonality between RJ-11 and RJ-45 Circuit sizes offered: 6/2, 6/4, 6/6, 8/4, 8/6,8/8 Select Gold plating: 50µ" Shortened leads with bottom contacts
So Mini-PCI So Mini-PCI So Mini-PCI So Multi-Port So Multi-Port So Multi-Port So Multi-Port So Multi-Port So Au RJ-11 and RJ-45 Comb	3814 3860 eries Tul 4380 p Out Feature eries Tul 4620	be Packed	Tray Packed	Compatib * * Surface Ma Compatib	le Śhi vunt Opti le Śhi	onal		/	 Shortened leads with bottom contacts Circuit sizes offered: 6/2, 6/4, 6/6 Select Gold plating: 50µ" Shortened leads with bottom contacts Footprint and housing commonality between RJ-11 and RJ-45 Circuit sizes offered: 6/2, 6/4, 6/6, 8/4, 8/6,8/8 Select Gold plating: 50µ" Shortened leads with bottom contacts
A Mini-PCI A Mini-PCI A A A A A A A A A A A A A	3860 eries Tul 4380 eries Tul 4620	be Packed	Tray Packed	* Surface Ma Compatib	ount Opti le Shi	onal eld		/	 Circuit sizes offered: 6/2, 6/4, 6/6 Select Gold plating: 50µ" Shortened leads with bottom contacts Footprint and housing commonality between RJ-11 and RJ-45 Circuit sizes offered: 6/2, 6/4, 6/6, 8/4, 8/6,8/8 Select Gold plating: 50µ" Shortened leads with bottom contacts
Mini-PCI Second Autor RJ-45 with RJ-11 Keep Autor Auto	eries Tul 4380 p Out Feature eries Tul 4620	be Packed	Tray Packed	Surface Ma Compatib	ount Opti le Shi	onal eld			 Shortened leads with bottom contacts Footprint and housing commonality between RJ-11 and RJ-45 Circuit sizes offered: 6/2, 6/4, 6/6, 8/4, 8/6,8/8 Select Gold plating: 50µ" Shortened leads with bottom contacts
So 44 RJ-45 with RJ-11 Keep So 44 Multi-Port 44 Multi-Port 50 44 RJ-11 and RJ-45 Comb	4380 p Out Feature eries Tul 4620	be Packed	1	Compatib *	le Shi	eld	Side-by-Si	de Stackable	Shortened leads with bottom contacts
Additional and the second seco	4380 p Out Feature eries Tul 4620	be Packed	1	Compatib *	le Shi	eld	Side-by-Si	de Stackable	Shortened leads with bottom contacts
RJ-45 with RJ-11 Keep Autor Autor A	p Out Feature eries Tul 4620	e Packed	-		v	/			
Sa Au Multi-Port Sa Au RJ-11 and RJ-45 Comb	eries Tul 4620	be Packed	Tray Packed	Surface Ma			1		 Footprint and housing commonality between RJ-11 and RJ-45 Circuit sizes offered: 6/4, 6/6, 8/4, 8/6,8/
Auti-Port Au	4620		Tray Packed	Surface Ma					
Multi-Port Se At		1		Compatib		onal eld	Side-by-Si	de Stackable	Select Gold plating: 50µ" Shortened leads with bottom contacts
Se 44 RJ-111 and RJ-45 Comb			\checkmark	*	•	·			Circuit size offered: 8/8
44 RJ-11 and RJ-45 Comb									
RJ-11 and RJ-45 Comb	eries Tu	be Packed	Tray Packed	Surface Mo Compatib		onal eld	Side-by-Si	de Stackable	 Select Gold plating: 50µ" Shortened leads with bottom contacts Available in 2, 4, 6 and 8 port configuration
	4248		1		~	/			Circuit sizes offered: 6/4, 6/6, 8/2, 8/4, 8/6, 8/8
Se	bination Modu	Jar Jack		1					
	eries Tu	be Packed	Tray Packed	Surface Mo Compatib		onal eld	Side-by-Side Stackable		 Select Gold plating: 50µ" Offered in press-fit or snap-fit pegs Available in 2, 3, 4 and 6 port configuratio Circuit sizes offered: 6/4, 6/6, 8/8
	4580		√		•				
Standard Profile				1					
Se	eries Tu	be Packed	Tray Packed	Surface Mo Compatib	le Wave	Solder	Key Option	Shielded	 Select Gold plating: 50µ" Shortened leads with bottom contacts
52	2018		\checkmark		~				Circuit sizes offered: 4/2, 4/4, 6/2, 6/4, 6/8, 8/2, 8/4, 8/6, 8/8
Inverted Flangele	ess with Li	ghtpipes							
Low Profile									
	Series	Tube Packed	d Tray Po	icked S	orface Moun Compatible		Optional Shield	Side-by-Side Stackable	Select Gold plating: 50µ" Shortened leads with bottom contacts
									 Footprint and housing commonality between RJ-11 and RJ-45 Improved electrical performance over inte-
	43860						√	<i>√</i>	grated LEDs Circuits sizes offered: 6/2, 6/4, 6/6, 8/4,
									8/6, 8/8
Mini-PCI		Tube			orface Moun		Ontional	Side-by-Side	Colori Cold alating 50."
	Series	Packed	Tray Po	icked 2	Compatible		Optional Shield	Stackable	Select Gold plating: 50µ" Shortened leads with bottom contacts
		1		•			1	1	 Footprint and housing commonality between RJ-11 and RJ-45 Circuit sizes offered: 6/4, 6/6, 8/4, 8/6, 8/

*Product compatible with 230°C soldering temperature



Vertical Jacks

High Speed Flus	sh/Flangel	ess								
	Series	Tray F	Packed I	lush	Surface Mount Compatible	Wave So	lder S	hielded	Category 5 Performance	
	85506	v		\	*	\			\	Select Gold plating: 50µ" Exceeds Category 5 performance
	85511 85507			/	*			Internal		Circuit size offered: 8/8
	85508	v	/	v	*		-			
Pick-and-Place			-			<u> </u>				
	Series	Flush	Flangeless	Tape an Reel	ıd Tray Packed	SMT	Wave Solder		Low Profile	Select Gold plating: 50µ"
	85510	\checkmark	 ✓ 	1		√ ∗				Circuit sizes offered: 4/4, 6/6, 8/8
	85513	\checkmark	1	1		√ ∗			1	85513: Short version
Flush/Flangeles	55		_							
	Series	Tray F	acked N	ylon	Surface Moun Compatible	^t Wave	Solder	Key Option	Low Profile	Select Gold plating: 50µ" Designed to be used with 1.57 or 3.18mm
	43576			\checkmark	*		_	\checkmark		(.062 or 125") thick PCB
	42410	v						$\overline{\checkmark}$		Circuit sizes offered: 4/2, 4/4, 6/2, 6/4, 6/6, 8/2, 8/4, 8/6, 8/8
Flush/Flangeles	55		, <u> </u>					•		
	Series	Flush	Flangeless	Tape an Reel	ıd Tray Packed	SMT	Wave Solder		d Low Profile	Select Gold plating: 50µ"
	05000									Tube packaging option Circuit sizes offered: 4/4, 6/4, 6/6. 8/8
The second	95003					√ *				
Flush/Flangeles	ss									
	Serie	s	Tray Pad	(ed	Tube Packed	ube Packed Wave Solder Shielded			Shielded	Select Gold plating: 50µ"
	9502	2	1		1					Circuit sizes offered: 4/4, 6/4, 6/6, 8/8
							-			
	9505	2	1				✓* Interno		Internal	
			·				•			Select Gold plating: 50µ"
								Circuit size offered: 8/8		
	95123				✓*	External				
Flush Mount wi	ith Offset	Latch								
	Se	eries	Т	ray Pack	ed	Wave Sol	der	SI	nielded	Select Gold plating: 50µ"
	95	5051		1		√ ∗				Circuit size offered: 6/6
and faller										

Bottom Entry Jack

Flush/Flan	geless	_					
	Series	Tray Packed	Wave Solder	Key Option	Shielded	Low Profile	■ Select Gold plating: 50µ" ■ Designed to be used with 1.57mm (.062") thick
	95002	1	✓*			1	PCB Circuit sizes offered: 4/4, 6/4, 6/6, 8/8

*Product compatible with 230°C soldering temperature



Modular Jacks and Plugs

Plugs

Short Body												
	Series		Clear arbonate	Round Cable	Flat Ova	ıl Cable	Shielded	Select Gold plating: 50µ" Designed to be used with 7 strand, 8 conductor cable - 30 AWG				
	90075		1		~	•		Circuit sizes offered: 4/4, 6/4, 6/6, 8/8				
8 Circuit - Shield	ed											
	Series	Polyc	Clear arbonate	Round Cable Flat Oval Cable		ıl Cable	Shielded	 Select Gold plating: 50µ" Designed to be used with 5.10 to 6.10mm (.200 to .240") LAN, STP, ISDN round cable 				
	95043	95043		1			~	 Protective boot available in many colors Designed to meet Category 5e to EIA/TIA 568 B requirements Designed to be used with 7 strand, 8 conductor - 24, 26 AWG Circuit size offered: 8/8 				
Category 6		·			·							
	Series	Series Clear Polycarbonate		Round Cable	e Flat Oval Cable		Shielded	Select Gold plating: 50µ"				
	44915		√	\checkmark			~	Strain relief available Designed to be used with 6.10mm (.240") LAN, STP, ISDN round cable Wire manager eases termination				
EFALLAR	85568	68		1			√	 Protective boot cover available in many colors Designed to be used for 24 and 25 AWG conductors 				
Dust Cover			I									
	(Order No.			Configu	ration		Dust protection of jacks not in use				
	8	5999-3255			8/8	3		FCC 68 plug latching system				
	8	5999-3256			6/6	5		Port sizes offered in RJ-11 and RJ-45				
RJ-45 Ethernet/	P											
	Series	Field Attachable Plugs	Overmolde Cables	Keceptacle		PCB Mountable Receptacle	Receptacle Dust Caps	One sealing surface reduces chance of failure Bayonet style latch receptacle provides quick and easy connections as well as ensur-				
	84700	1		1			1	ing proper depth when mating IP 67 ratings ensure cordsets are water and dust tight for functional integrity				
	84702		1		1	1		 Category 5e provides high data-transmission speeds Overmolded versus field wireable cordsets allows for faster installation at customer site 				
			1	<u> </u>		1						

Americas Headquarters Lisle, Illinois 60532 U.S.A. Tel: 1-800-78M0LEX Fax: 630-969-1352 **Far East North Headquarters** Yamato, Kanagawa, Japan Tel: 81-462-65-2324 Fax: 81-462-65-2366 Far East South Headquarters Jurong, Singapore Tel: 65-268-6868 Fax: 65-265-6044 **European Headquarters** Munich, Germany Tel: 49-89-413092-0 Fax: 49-89-401527

Corporate Headquarters 2222 Wellington Ct.

Lisle, IL 60532 U.S.A. Tel: 630-969-4550 Fax: 630-969-1352

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