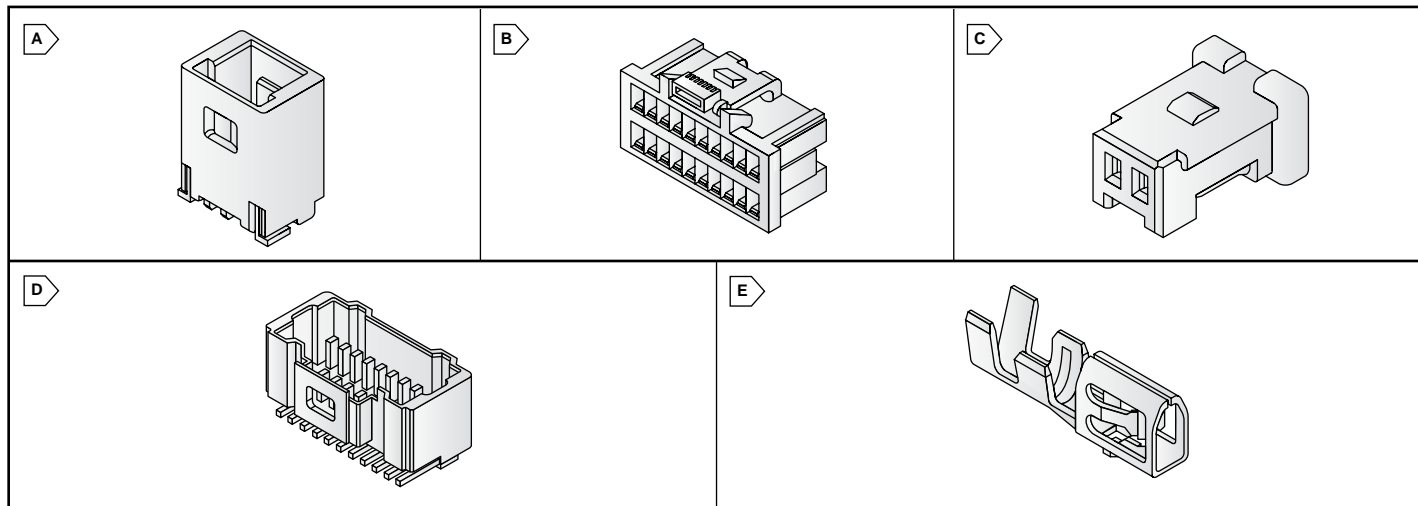


# MOLEX Pico-Clasp™ 1.00mm (.039") Pitch Connectors

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## PICO-CLASP WIRE TO BOARD HEADERS

The new 1.00mm (.039") pitch wire-to-board Pico-Clasp™ connector system from Molex was developed for various connections in Flat Panel Displays (FPD). The compact, small circuit size features of this system also make it ideal for other applications such as Notebook PCs and other compact devices. The system is offered in both single and dual row versions. Friction and positive locks are offered for various application needs. Other features include mating guides, solder tabs and footprint compatibility with some competitive versions.

### Specifications:

- Voltage: 50V
- Current: 1.0A max.
- Contact resistance: 20mΩ max.
- Dielectric withstanding voltage: 250VAC
- Insulation resistance: 100MΩ min.

### Features:

- Smallest pitch for positive lock Wire-to-Board crimp system
- Inner positive lock (6-50 circuit sizes)
- Low mating and un-mating forces
- Wide header variations
- Provides customers with many choices and design flexibility
- Provides space savings for mounting other components
- Prevents wire hooking
- Latch protection and secure mating retention
- Strong mating retention and clear clicking
- Easy connector insertion and extraction



RoHS Compliant

### Vertical Surface Mount Headers

• With cover tape • Single row For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Price Each			
				1	10	100	500
<b>Friction Lock - Single Row - with cover tape</b>							
538-501331-0207	501331-0207	A	2				
538-501331-0307	501331-0307	A	3				
538-501331-0407	501331-0407	A	4				
538-501331-0507	501331-0507	A	5				
<b>Positive Lock - Single Row - with cover tape</b>							
538-501331-0607	501331-0607	A	6				
538-501331-0707	501331-0707	A	7				
538-501331-0807	501331-0807	A	8				
538-501331-0907	501331-0907	A	9				
538-501331-1007	501331-1007	A	10				
538-501331-1107	501331-1107	A	11				
538-501331-1207	501331-1207	A	12				
538-501331-1307	501331-1307	A	13				
538-501331-1407	501331-1407	A	14				
538-501331-1507	501331-1507	A	15				
<b>Positive Lock - Dual Row - with pick and place tape</b>							
538-501190-2017	501190-2017	B	20				
538-501190-3017	501190-3017	B	30				
538-501190-4017	501190-4017	B	40				
538-501190-5017	501190-5017	B	50				

### Housings

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Price Each			
				1	10	100	500
<b>Friction Lock - Single Row</b>							
538-501330-0200	501330-0200	C	2				
538-501330-0300	501330-0300	C	3				
538-501330-0400	501330-0400	C	4				
538-501330-0500	501330-0500	C	5				
<b>Positive Lock - Single Row</b>							
538-501330-0600	501330-0600	C	6				
538-501330-0700	501330-0700	C	7				
538-501330-0800	501330-0800	C	8				
538-501330-0900	501330-0900	C	9				
538-501330-1000	501330-1000	C	10				
538-501330-1100	501330-1100	C	11				
538-501330-1200	501330-1200	C	12				
538-501330-1400	501330-1400	C	14				
538-501330-1500	501330-1500	C	15				
<b>Friction Lock - Dual Row</b>							
538-501189-2010	501189-2010	D	20				
538-501189-3010	501189-3010	D	30				
538-501189-4010	501189-4010	D	40				

### Right Angle Surface Mount Headers

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Price Each			
				1	10	100	500
<b>Friction Lock - Single Row</b>							
538-501568-0207	501568-0207	A	2				
538-501568-0307	501568-0307	A	3				
538-501568-0407	501568-0407	A	4				
538-501568-0507	501568-0507	A	5				
<b>Positive Lock - Single Row</b>							
538-501568-0607	501568-0607	A	6				
538-501568-0707	501568-0707	A	7				
538-501568-0807	501568-0807	A	8				
538-501568-0907	501568-0907	A	9				
538-501568-1007	501568-1007	A	10				
538-501568-1107	501568-1107	A	11				
538-501568-1207	501568-1207	A	12				
538-501568-1307	501568-1307	A	13				
538-501568-1407	501568-1407	A	14				
538-501568-1507	501568-1507	A	15				
<b>Positive Lock - Dual Row</b>							
538-501571-2007	501571-2007	B	20				
538-501571-3007	501571-3007	B	30				
538-501571-4007	501571-4007	B	40				

### TERMINALS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Description	Price Each		
				1	10	100
538-501334-0100	501334-0100	E	Single Row Terminal			
538-501193-0100	501193-0100	E	Dual Row Terminal			

### TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Description	Price Each
538-63819-1500	63819-1500	---	Crimp Hand Tool	
538-63813-1700	63813-1700	---	Hand Extraction Tool	