

MOLEX Sherlock™ Connectors

SHERLOCK™ 2.0mm (.079") PITCH SINGLE-ROW CONNECTORS WIRE-TO-BOARD

Originally developed for PC monitor applications, this 2.0mm pitch system can also be used for other applications that require space savings and secure locking features.



RoHS Compliant

Features:

- Low-profile compact design
- Positive locking ribs
- Polarizing guide wall
- Low-insertion force terminal
- Box-style contact design
- Fully-shrouded header
- 2.0mm Pitch

Applications:

- PC Monitor
- TV
- VCR
- Printer
- Instrumentation
- Air Conditioner
- Vending Machine

Specifications:

- Voltage: 125V
- Current: 2.0A max.
- Contact Resistance: 20mΩ max.
- Dielectric Withstanding Voltage: 500V
- Insulation Resistance: 1000 MΩ min.
- Housings: Polyamide, UL 94V-0
- Operating Temperature: -40°C to +105°C
- AWG: 24-30
- RoHS Compliant per Molex documentation

Housings

- Mating Height: 7.2mm
- Mating Width: 5.8mm

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Contacts	Dimensions: mm (in.)		Price Each			
				A	B	1	10	100	500
538-35507-0200	35507-0200	A	2	7.20 (.283)	2.00 (.079)				
538-35507-0300	35507-0300	A	3	9.20 (.362)	4.00 (.157)				
538-35507-0400	35507-0400	A	4	10.30 (.406)	6.00 (.236)				
538-35507-0500	35507-0500	A	5	12.30 (.484)	8.00 (.315)				
538-35507-0600	35507-0600	A	6	14.30 (.563)	10.00 (.394)				
538-35507-0700	35507-0700	A	7	16.30 (.642)	12.00 (.472)				
538-35507-0800	35507-0800	A	8	18.30 (.720)	14.00 (.551)				
538-35507-0900	35507-0900	A	9	20.30 (.799)	16.00 (.630)				
538-35507-1000	35507-1000	A	10	22.30 (.878)	18.00 (.709)				
538-35507-1100	35507-1100	A	11	24.30 (.957)	20.00 (.787)				
538-35507-1200	35507-1200	A	12	26.30 (1.035)	22.00 (.866)				
538-35507-1400	35507-1400	A	14	30.30 (1.193)	26.00 (1.024)				
538-35507-1500	35507-1500	A	15	32.30 (1.272)	28.00 (1.102)				
538-35507-2000	35507-2000	A	20	42.30 (1.665)	38.00 (1.496)				



RoHS Compliant

Vertical Headers

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Contacts	Dimensions: mm (in.)		Price Each			
				A	B	1	10	100	500
538-35362-0250	35362-0250	B	2	7.70 (.303)	2.00 (.079)				
538-35362-0350	35362-0350	B	3	9.70 (.382)	4.00 (.157)				
538-35362-0450	35362-0450	B	4	10.30 (.406)	6.00 (.236)				
538-35362-0550	35362-0550	B	5	12.30 (.484)	8.00 (.315)				
538-35362-0650	35362-0650	B	6	14.30 (.563)	10.00 (.394)				
538-35362-0750	35362-0750	B	7	16.30 (.642)	12.00 (.472)				
538-35362-0850	35362-0850	B	8	18.30 (.720)	14.00 (.551)				
538-35362-0950	35362-0950	B	9	20.30 (.799)	16.00 (.630)				
538-35362-1050	35362-1050	B	10	22.30 (.878)	18.00 (.709)				
538-35362-1150	35362-1150	B	11	24.30 (.957)	20.00 (.787)				
538-35362-1250	35362-1250	B	12	26.30 (1.035)	22.00 (.866)				
538-35362-1350	35362-1350	B	13	28.30 (1.114)	24.00 (.945)				
538-35362-1450	35362-1450	B	14	30.30 (1.193)	26.00 (1.024)				
538-35362-1550	35362-1550	B	15	32.30 (1.272)	28.00 (1.102)				
538-35362-2050	35362-2050	B	20	42.30 (1.665)	38.00 (1.496)				

Right-Angle Headers

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Contacts	Dimensions: mm (in.)		Price Each			
				A	B	1	10	100	500
538-35363-0260	35363-0260	C	2	7.70 (.303)	2.00 (.079)				
538-35363-0360	35363-0360	C	3	9.70 (.382)	4.00 (.157)				
538-35363-0460	35363-0460	C	4	10.30 (.406)	6.00 (.236)				
538-35363-0560	35363-0560	C	5	12.30 (.484)	8.00 (.315)				
538-35363-0660	35363-0660	C	6	14.30 (.563)	10.00 (.394)				
538-35363-0860	35363-0860	C	8	18.30 (.720)	14.00 (.551)				
538-35363-0960	35363-0960	C	9	20.30 (.799)	16.00 (.630)				
538-35363-1060	35363-1060	C	10	22.30 (.878)	18.00 (.709)				
538-35363-1260	35363-1260	C	12	26.30 (1.035)	22.00 (.866)				
538-35363-1460	35363-1460	C	14	30.30 (1.193)	26.00 (1.024)				
538-35363-1560	35363-1560	C	15	32.30 (1.272)	28.00 (1.102)				
538-35363-2060	35363-2060	C	20	42.30 (1.665)	38.00 (1.496)				

Terminals

- Spring-box design with internal cat-ear contact points.

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	AWG	Contact	Plating	Price Each			
						1	100	500	1000
538-50212-8100	50212-8100	D	24 - 30	Phosphor Bronze	Tin				

Tools

MOUSER STOCK NO.	Molex Part No.	Fig.	Description	Price Each
538-63819-0500	63819-0500	-	Hand Crimper	

DIMENSIONS: mm (in.)

Molex Rectangular Connectors