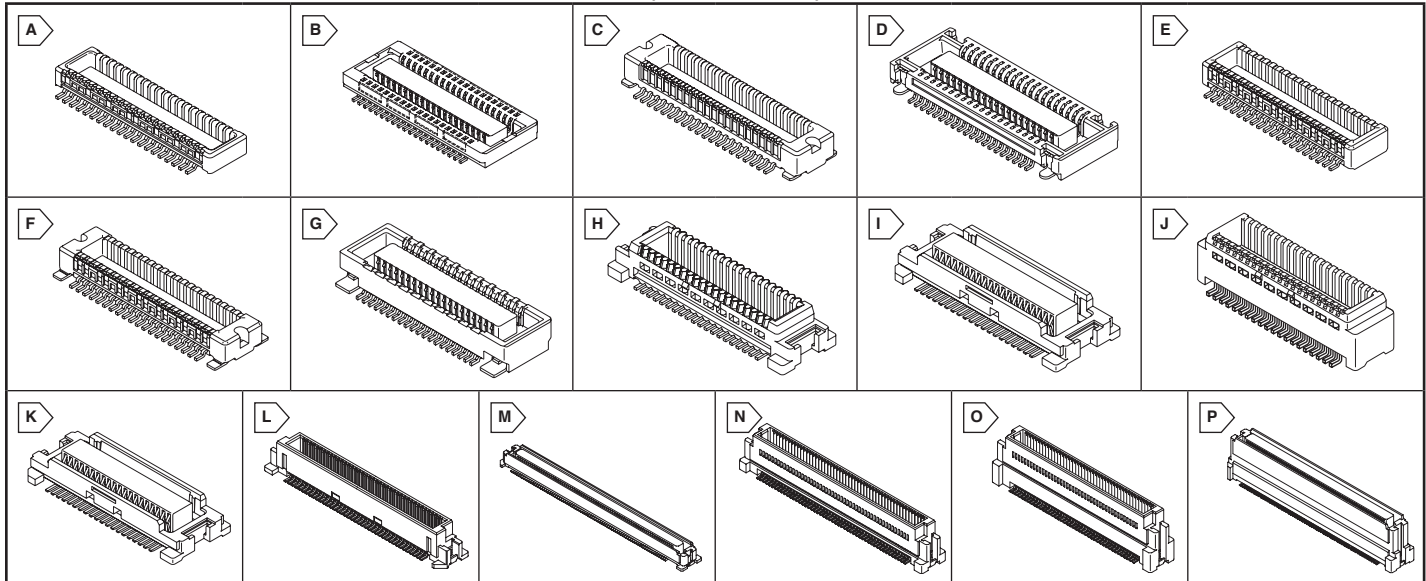


MOLEX SlimStack™ SMT Board-to-Board Connectors

molex
one company • a world of innovation

RoHS Compliant This product is RoHS compliant.



0.50MM (.020") SLIMSTACK™ VERTICAL SMT BOARD-TO-BOARD CONNECTORS

Features:

- Durable blade on beam contact interface
- Anti-flux design
- J-Lead type SMT tail is 35% smaller than standard Gull Wing type
- Friction lock provides added mating retention to withstand shock or vibration
- Long wipe length helps provide good electrical reliability
- Applications include cell phones, digital cameras, PDA's and other mobile devices
- Board Mounting: SMT
- Plating: Gold
- Mating Style: Vertical
- RoHS Compliance per Molex documentation



RoHS Compliant

1.50mm Mated Height

- Voltage: 50V • Current: 0.5A

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Gender	Price Each			
					1	10	25	50
538-55560-0207	55560-0607	A	20	Plug	1.78	1.62	1.48	1.34
538-55560-0307	55560-0307	A	30	Plug	3.14	2.88	2.60	2.36
538-55560-0407	55560-0407	A	40	Plug	4.15	3.77	3.45	3.11
538-55560-0607	55560-0607	A	60	Plug	4.84	4.39	4.01	3.63
538-54722-0607	54722-0607	B	60	Receptacle	6.93	6.24	5.06	3.79

2.00mm Mated Height with Solder Tabs

- Voltage: 50V • Current: 0.5A

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Gender	Price Each			
					1	10	25	50
538-55201-0878	55201-0878	C	80	Plug	13.01	11.52	11.10	10.42
538-54363-0878	54363-0878	D	80	Receptacle	11.01	10.15	9.70	9.19

2.50mm Mated Height

- Voltage: 50V • Current: 0.5A

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Gender	Price Each			
					1	10	25	50
Without Solder Tabs								
538-53885-0208	53885-0208	E	20	Plug	2.71	2.43	2.20	1.98
538-53885-0308	53885-0308	E	30	Plug	2.89	2.55	2.36	2.23
With Solder Tabs								
538-53949-0878	53949-0878	F	80	Plug	6.24	5.52	4.96	4.43
538-54150-0878	54150-0878	G	80	Receptacle	4.29	3.91	3.72	3.35

3.00mm Mated Height

- Voltage: 50V • Current: 0.5A

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Gender	Price Each			
					1	10	25	50
538-53748-0208	53748-0208	H	20	Plug	2.72	2.45	2.17	1.97
538-53748-0308	53748-0308	H	30	Plug	2.64	2.30	2.09	1.83
538-53748-0408	53748-0408	H	40	Plug	2.81	2.45	2.22	1.95
538-53748-0708	53748-0708	H	70	Plug	6.31	5.77	5.53	4.99
538-53748-0808	53748-0808	H	80	Plug	5.62	5.21	4.93	4.67
538-52991-0208	52991-0208	I	20	Receptacle	1.78	1.57	1.36	1.21
538-52991-0308	52991-0308	I	30	Receptacle	2.16	1.85	1.62	1.35
538-52991-0408	52991-0408	I	40	Receptacle	3.87	3.50	3.01	2.64
538-52991-0708	52991-0708	I	70	Receptacle	5.83	5.32	5.07	4.56

4.00mm Mated Height

- Voltage: 50V • Current: 0.5A

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Gender	Price Each			
					1	10	25	50
538-501920-3001	501920-3001	J	30	Plug	4.29	3.85	3.46	3.12
538-54167-0308	54167-0308	K	30	Receptacle	3.69	3.60	2.88	2.61

0.635 (.025") SLIMSTACK™ SMT BOARD-TO-BOARD CONNECTORS WITH SOLDER TABS

Features:

- Cantilever type gold contacts
- Beam on blade contact
- Metal friction lock
- High-temp LCP housing
- Shrouded plugs and receptacles

Specifications:

- Contact plating: Gold
- Mounting style: Vertical
- Termination style: SMT
- Current rating: 0.5A max.
- Voltage: 100V max.



RoHS Compliant

6.0mm Height

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Color	Price Each			
					1	10	25	50
Plugs								
538-55091-0274	55091-0274	L	20	Black	3.78	3.64	3.58	3.48
538-55091-0474	55091-0474	L	40	Black	2.56	2.36	2.17	2.00
538-55091-0674	55091-0674	L	60	Black	5.14	4.72	4.37	4.06
538-55091-1674	55091-1674	L	160	Black	13.38	12.30	11.37	10.58
Receptacles								
538-52885-0274	52885-0274	M	20	White	3.09	2.67	2.66	2.23
538-52885-0474	52885-0474	M	40	White	3.16	2.89	2.66	2.42
538-52885-0674	52885-0674	M	60	White	11.81	10.77	9.89	8.93

8.0mm Height

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Color	Price Each			
					1	10	25	50
Plugs								
538-53647-0274	53647-0274	N	20	Black	4.83	4.68	4.50	4.40
538-53647-0474	53647-0474	N	40	Black	8.64	7.86	7.47	7.08
538-53647-1674	53647-1674	N	160	Black	10.48	9.62	8.87	8.16
Receptacles								
538-52885-0274	52885-0274	M	20	White	3.09	2.67	2.66	2.23
538-52885-0474	52885-0474	M	40	White	3.16	2.89	2.66	2.42

10mm Height

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Color	Price Each			
					1	10	25	50
Plugs								
538-53627-0474	53627-0474	O	40	Black	6.23	5.60	5.04	4.54
538-53627-0674	53627-0674	O	60	Black	5.06	4.54	4.12	3.69
538-53627-0874	53627-0874	O	80	Black	10.15	9.11	8.26	7.40
Receptacles								
538-52885-0474	52885-0474	M	40	White	3.16	2.89	2.66	2.42
538-52885-0674	52885-0674	M	60	White	11.81	10.77	9.89	8.93
538-52885-0874	52885-0874	M	80	White	4.86	4.02	3.90	3.35

12mm Height

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Color	Price Each			
					1	10	25	50
Plugs								
538-55091-0274	55091-0274	L	20	Black	3.78	3.64	3.58	3.48
538-55091-0474	55091-0474	L	40	Black	2.56	2.36	2.17	2.00
538-55091-0674	55091-0674	L	60	Black	5.14	4.72	4.37	4.06
Receptacles								
538-52901-0274	52901-0274	P	20	White	4.04	3.72	3.43	3.15
538-52901-0474	52901-0474	P	40	White	10.19	9.17	8.25	7.67
538-52901-0674	52901-0674	P	60	White	5.73	5.36	4.89	4.48

14mm Height

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Color	Price Each			
					1	10	25	50
Plugs								
538-53647-0274	53647-0274	N	20	Black	4.83	4.68	4.50	4.40
538-53647-0474	53647-0474	N	40	Black	8.64	7.86	7.47	7.08
Receptacles								
538-52901-0274	52901-0274	P	20	White	4.04	3.72	3.43	3.15
538-52901-0474	52901-0474	P	40	White	10.19	9.17	8.25	7.67

16mm Height

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Color	Price Each			
					1	10	25	50
Plugs								
538-53627-0474	53627-0474	O	40	Black	6.23	5.60	5.04	4.54
538-53627-0674	53627-0674	O	60	Black	5.06	4.54	4.12	3.69
538-53627-0874	53627-0874	O	80	Black	10.15	9.11	8.26	7.40
Receptacles								
538-52901-0474	52901-0474	P	40	White	10.19	9.17	8.25	7.67
538-52901-0674	52901-0674	P	60	White	5.73	5.36	4.89	4.48
538-52901-0874	52901-0874	P	80	White	15.64	14.37	13.23	12.17