


MOLEX FPC 0.25mm and 0.30mm Connectors

 This product is RoHS compliant.

0.25MM FPC CONNECTORS

502078/503320 Series - Right Angle - SMT

- Features and Specs:**
- ZIF contact design
 - Easy-On Front Flip Actuator
 - Current Max: 0.2A
 - Contacts: Copper alloy
 - Housing: Heat Resistant Plastic Biege UL 94V-0
 - Actuator: Heat Resistant Plastic Black UL 94V-0

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Contact Plating	Mated Height	Dimensions: mm		Price Each			
						A	B	1	10	100	250
Bottom Contact											
538-502078-2110	502078-2110	A	21	Gold	1.0 mm (.039")	7.00	5.00	3.52	2.70	2.16	1.94
538-502078-2510	502078-2510	A	25	Gold	1.0 mm (.039")	8.00	6.00	3.86	2.97	2.37	2.14
538-502078-3910	502078-3910	A	39	Gold	1.0 mm (.039")	11.50	9.50	4.04	3.18	2.55	2.26
538-503320-2560	503320-2560	A	25	Gold	1.65 mm (.065")	8.00	6.00	1.98	1.87	1.44	1.30
538-503320-3760	503320-3760	A	37	Gold	1.65 mm (.065")	11.00	9.00	2.67	2.43	1.87	1.68
538-503320-4160	503320-4160	A	41	Gold	1.65 mm (.065")	12.00	10.00	2.98	2.71	2.06	1.88
Top Contact											
538-503300-2910	503300-2910	B	29	Gold	1.2 mm (.047")	9.00	7.50	2.72	2.35	2.07	1.77

0.30MM FPC CONNECTORS

501912 Series - 1.80mm Mated Height - Right Angle - SMT - LIF-Bottom Contact Style

- Features and Specs:**
- Space under body of connector
 - Easy-On Actuator
 - Current Max: 0.2A
 - Contacts: Copper alloy
 - Housing: High Temperature Thermoplastic UL 94V-0
 - Actuator: High Temperature Thermoplastic UL 94V-0

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Contact Plating	Mated Height	A	B	1	10	100	250
538-501912-1590	501912-1590	C	15	Gold	1.80mm (.071")	6.60	4.20	1.18	.97	.77	.69
538-501912-2190	501912-2190	C	21	Gold	1.80mm (.071")	8.40	6.00	1.65	1.26	1.01	.915
538-501912-2590	501912-2590	C	25	Gold	1.80mm (.071")	9.60	7.20	2.07	1.66	1.33	1.19
538-501912-2790	501912-2790	C	27	Gold	1.80mm (.071")	10.20	7.80	2.15	1.72	1.38	1.24
538-501912-3390	501912-3390	C	33	Gold	1.80mm (.071")	12.00	9.60	2.62	2.11	1.68	1.52
538-501912-3790	501912-3790	C	37	Gold	1.80mm (.071")	13.20	10.80	3.05	2.45	1.96	1.76
538-501912-3990	501912-3990	C	39	Gold	1.80mm (.071")	13.80	11.40	3.12	2.50	2.00	1.80
538-501912-4190	501912-4190	C	41	Gold	1.80mm (.071")	14.40	12.00	3.41	2.73	2.18	1.96
538-501912-4590	501912-4590	C	45	Gold	1.80mm (.071")	15.60	13.20	3.74	3.10	2.40	2.16

54809 Series - 1.30mm Mated Height - Right Angle - SMT - ZIF - Bottom Contact Style

- Features and Specs:**
- Ultra Low Profile
 - Staggered dual-row PCB layout
 - Current Max: 0.3A
 - Contacts: Phosphor Bronze
 - Easy-On Actuator
 - Housing: LCP UL 94V-0
 - Actuator: PPS UL 94V-0

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Contact Plating	Mated Height	A	B	1	10	100	250
538-54809-1198	54809-1198	D	11	Tin	1.30mm (.051")	5.60	3.00	1.72	1.32	1.06	1.00
538-54809-1998	54809-1998	D	19	Tin	1.30mm (.051")	8.00	5.40	3.20	2.45	1.96	1.76
538-54809-3398	54809-3398	D	33	Tin	1.30mm (.051")	12.20	9.60	4.62	3.55	2.83	2.55
538-54809-3998	54809-3998	D	39	Tin	1.30mm (.051")	14.00	11.40	4.73	3.63	2.91	2.62
538-54809-5198	54809-5198	D	51	Tin	1.30mm (.051")	17.60	15.00	7.30	5.61	4.49	4.04
538-54809-1175	54809-1175	D	11	Gold	1.30mm (.051")	5.60	3.00	1.72	1.54	1.37	1.25
538-54809-1575	54809-1575	D	15	Gold	1.30mm (.051")	6.80	4.20	2.40	2.19	1.97	1.77
538-54809-2175	54809-2175	D	21	Gold	1.30mm (.051")	8.60	6.00	3.32	2.96	2.73	2.51
538-54809-2575	54809-2575	D	25	Gold	1.30mm (.051")	9.80	7.20	3.42	3.10	2.83	2.57
538-54809-3175	54809-3175	D	31	Gold	1.30mm (.051")	11.60	9.00	4.04	3.72	3.34	3.02
538-54809-3975	54809-3975	D	39	Gold	1.30mm (.051")	14.00	11.40	4.25	3.93	3.52	3.18

501616 Series - 1.10mm Mated Height - Right Angle - SMT - LIF - Top Contact Style

- Features and Specs:**
- Ultra Low Profile
 - Easy-On Actuator
 - Current Max: 0.2A
 - Contacts: Copper alloy
 - Housing: Heat Resistant Polymer Black UL 94V-0
 - Actuator: Heat Resistant Polymer Gray UL 94V-0

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Contact Plating	Mated Height	A	B	1	10	100	250
538-501616-1975	501616-1975	E	19	Gold	1.10mm (.043")	7.60	5.40	1.87	1.49	1.19	1.07
538-501616-2575	501616-2575	E	25	Gold	1.10mm (.043")	9.40	7.20	2.16	1.72	1.38	1.24
538-501616-2775	501616-2775	E	27	Gold	1.10mm (.043")	10.00	7.80	2.49	1.91	1.61	1.44
538-501616-2975	501616-2975	E	29	Gold	1.10mm (.043")	10.60	8.40	2.53	2.02	1.62	1.46
538-501616-3585	501616-3585	E	35	Gold	1.10mm (.043")	12.40	10.20	3.21	2.57	2.05	1.85
538-501616-4585	501616-4585	E	45	Gold	1.10mm (.043")	15.40	13.20	3.60	2.88	2.30	2.07

500797 Series - 1.05mm Mated Height - Right Angle - SMT - ZIF - Bottom Contact Style

- Features and Specs:**
- Ultra Low Profile and Short Width
 - Audible Click
 - Easy-On Actuator
 - Voltage Max: 50V
 - Current Max: 0.2A
 - Contacts: Copper alloy
 - Housing: Beige glass-filled LCP UL 94V-0
 - Actuator: Glass-filled Polyamide UL 94V-0
 - Operating Temperature: -20°C to +85°C

For quantities greater than listed, call for quote.

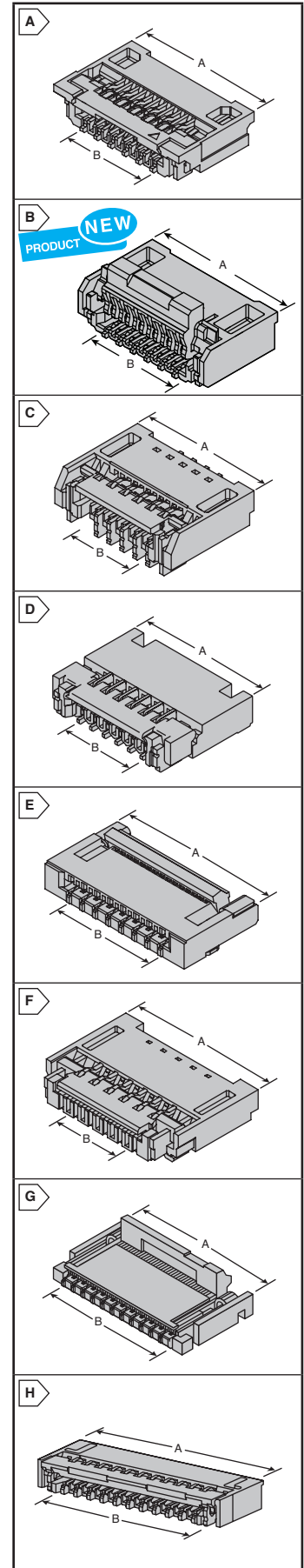
MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Contact Plating	Mated Height	A	B	1	10	100	250
538-500797-1594	500797-1594	F	15	Gold	1.05mm (.041")	6.60	4.20	2.00	1.59	1.27	1.14
538-500797-2594	500797-2594	F	25	Gold	1.05mm (.041")	9.60	7.20	2.37	1.90	1.52	1.36
538-500797-2794	500797-2794	F	27	Gold	1.05mm (.041")	10.20	7.80	2.46	1.94	1.55	1.39
538-500797-3194	500797-3194	F	31	Gold	1.05mm (.041")	11.40	9.00	2.55	2.03	1.62	1.45
538-500797-3594	500797-3594	F	35	Gold	1.05mm (.041")	12.60	10.20	2.72	2.17	1.73	1.56
538-500797-4194	500797-4194	F	41	Gold	1.05mm (.041")	14.40	12.00	2.97	2.34	1.87	1.69

502250 and 501628 Series - 0.9mm Mated Height

- Features and Specs:**
- Easy-On Actuator
 - Voltage Max: 50V
 - Current Max: 0.2A
 - Contacts: Copper alloy
 - Housing: Glass-filled LCP UL 94V-0
 - Actuator: 502250 Series: PPS UL 94V-0

For quantities greater than listed, call for quote.

Dual Contact - Back Flip Actuator											
MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Contact Plating	Mated Height	A	B	1	10	100	250
538-502250-2191	502250-2191	G	21	Gold	0.9mm (.035")	8.10	6.00	2.51	2.11	1.57	1.46
538-502250-3391	502250-3391	G	33	Gold	0.9mm (.035")	11.70	9.60	3.94	3.32	2.47	2.29
538-502250-3991	502250-3991	G	39	Gold	0.9mm (.035")	13.50	11.40	4.67	3.93	2.93	2.71
538-502250-4191	502250-4191	G	41	Gold	0.9mm (.035")	14.10	12.00	4.90	4.13	3.08	2.85
Bottom Contact - Narrow Width - Front Flip Actuator											
538-501628-2791	501628-2791	H	27	Gold	0.9mm (.035")	10.20	7.80	4.36	3.81	3.04	2.74
538-501628-3391	501628-3391	H	33	Gold	0.9mm (.035")	12.00	9.60	5.51	4.23	3.38	3.04
538-501628-3591	501628-3591	H	35	Gold	0.9mm (.035")	12.60	10.20	5.14	4.49	3.59	3.23
538-501628-4591	501628-4591	H	45	Gold	0.9mm (.035")	15.60	13.20	6.45	5.64	4.76	4.28



Rectangular Connectors Molex