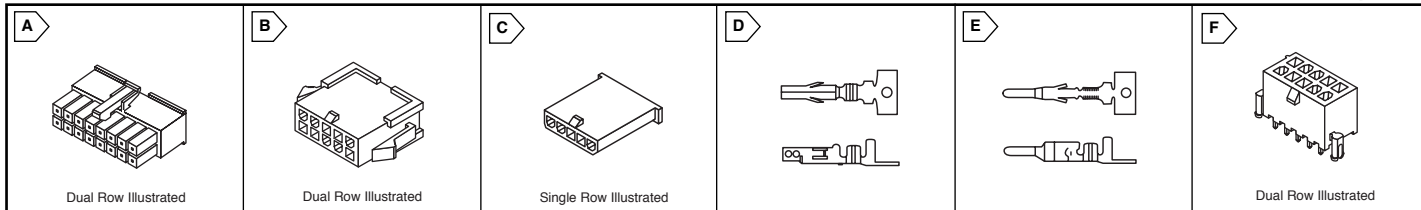


MOLEX Mini-Fit Jr.™ Connectors



MINI-FIT JR.™ CONNECTORS

Wire-to-wire and wire-to-board versions. The mated length of the wire-to-wire version is less than 1 3/8" while the wire-to-board version is less than 15/16". Despite it's small size it can handle the I/O currents of most standard equipment. They are high density, high current power connectors.

Specifications:

- Pitch: 4.2mm(.165")
- Contact resistance: 10mΩ
- Housing: 6/6 nylon
- Current: up to 9A
- Voltage: 600V
- Temperature: -40 to +105°C

Features:

- Positive housing locks
- Fully isolated terminals
- Intermateable with Mini-Fit BMI, SMC, CPI
- Contacts sold separately



Receptacles and Plugs

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fig.	No. of Circuits	UL Rating	Price Each		
				1	10	100
Receptacles, Single Row 5557 Series						
538-39-01-4030	A	3	94V-2	.46	.37	.27
538-39-01-4031	A	3	94V-0	.86	.70	.50
538-39-01-4040	A	4	94V-2	.54	.44	.31
538-39-01-4041	A	4	94V-0	.56	.46	.32
538-39-01-4050	A	5	94V-2	.57	.47	.33
538-39-01-4051	A	5	94V-0	.97	.79	.57
Receptacles, Dual Row 5557d Series						
538-39-01-2020	A	2	94V-2	.40	.35	.23
538-39-01-2025	A	2	94V-0	.71	.58	.42
538-39-01-2040	A	4	94V-2	.44	.38	.25
538-39-01-2045	A	4	94V-0	.63	.47	.32
538-39-01-2060	A	6	94V-2	.53	.46	.30
538-39-01-2065	A	6	94V-0	.90	.73	.53
538-39-01-2080	A	8	94V-2	.58	.47	.34
538-39-01-2085	A	8	94V-0	.99	.81	.58
538-39-01-2100	A	10	94V-2	.68	.59	.39
538-39-01-2105	A	10	94V-0	1.17	.95	.68
538-39-01-2120	A	12	94V-2	.75	.66	.44
538-39-01-2125	A	12	94V-0	1.26	1.03	.74
538-39-01-2140	A	14	94V-2	.90	.79	.52
538-39-01-2145	A	14	94V-0	1.44	1.18	.85
538-39-01-2160	A	16	94V-2	.91	.80	.53
538-39-01-2165	A	16	94V-0	1.80	1.47	1.06
538-39-01-2180	A	18	94V-2	1.21	.99	.71
538-39-01-2185	A	18	94V-0	2.03	1.65	1.19
538-39-01-2200	A	20	94V-2	1.33	1.09	.78
538-39-01-2205	A	20	94V-0	2.13	1.73	1.25
538-39-01-2240	A	24	94V-2	1.36	1.11	.80
538-39-01-2245	A	24	94V-0	2.09	1.70	1.23
Plugs - Panel Mount, Single Row 5559s Series						
538-39-01-4032	B	3	94V-2	.50	.44	.29
538-39-01-4052	B	5	94V-2	.56	.45	.32
Plugs - Panel Mount, Dual Row 5559d Series						
538-39-01-2021	B	2	94V-2	.47	.42	.27
538-39-01-2026	B	2	94V-0	.82	.66	.48
538-39-01-2041	B	4	94V-2	.50	.46	.30
538-39-01-2061	B	6	94V-2	.55	.47	.31
538-39-01-2081	B	8	94V-2	.59	.50	.35
538-39-01-2101	B	10	94V-2	.69	.62	.41
538-39-01-2106	B	10	94V-0	.79	.70	.59
538-39-01-2121	B	12	94V-2	.72	.65	.43
538-39-01-2126	B	12	94V-0	.89	.79	.70
538-39-01-2141	B	14	94V-2	.79	.55	.42
538-39-01-2161	B	16	94V-2	.80	.64	.55
Plugs - Free Hanging, Single Row 5559s Series						
538-39-01-4036	C	3	94V-2	.50	.42	.29
538-39-01-4037	C	3	94V-0	.53	.47	.32
538-39-01-4056	C	5	94V-2	.57	.49	.35
Plugs - Free Hanging, Dual Row 5559d Series						
538-39-01-3023	C	2	94V-2	.32	.24	.18
538-39-01-3029	C	2	94V-0	.70	.35	.30
538-39-01-3043	C	4	94V-2	.42	.26	.18
538-39-01-3049	C	4	94V-0	.75	.50	.38
538-39-01-3063	C	6	94V-2	.69	.42	.24
538-39-01-3069	C	6	94V-0	.74	.49	.45
538-39-01-3083	C	8	94V-2	.70	.55	.35
538-39-01-3089	C	8	94V-0	.78	.65	.52
538-39-01-3103	C	10	94V-2	.72	.60	.48
538-39-01-3163	C	16	94V-2	.98	.94	.66

Strain Reliefs - 41995 Series

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	No. of Circuits	Price Each		
		1	10	100
538-15-04-0340	2	1.08	.98	.73
538-15-04-0294	4	1.10	1.00	.75
538-15-04-0296	6	1.11	1.05	1.00
538-15-04-0343	8	1.21	1.14	1.03
538-15-04-0345	12	1.22	1.16	1.05

Contacts

Plating:

- a - Tin over Copper
- b - Tin over Brass
- c - Gold over Brass
- d - Gold over Phosphor Bronze
- e - Tin over Phosphor Bronze

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Style	Plating	Wire Size	Price Each		
					1	100	500
Standard 44476/44478 Series Crimp Terminals							
538-44476-3112	D	Female	a	16	.17	.15	.13
538-44476-1112	D	Female	a	18-20	.17	.15	.13
538-44478-3112	E	Male	a	16	.20	.18	.16
538-44478-1112	E	Male	a	18-20	.20	.18	.16
Standard 5556/5558 Series Crimp Terminals							
538-39-00-0078	D	Socket	b	16	.17	.15	.13
538-39-00-0090	D	Socket	c	16	.46	.38	.32
538-39-00-0168	D	Socket	c	16	.46	.38	.32
538-39-00-0186	D	Socket	d	16	.49	.45	.39
538-39-00-0080	D	Socket	e	16	.18	.16	.14
538-39-00-0039	D	Socket	b	18-24	.09	.06	.05
538-39-00-0164	D	Socket	c	18-24	.46	.38	.32
538-39-00-0182	D	Socket	d	18-24	.49	.45	.39
538-39-00-0060	D	Socket	e	18-24	.18	.16	.14
538-39-00-0047	D	Socket	b	22-28	.09	.06	.05
538-39-00-0086	D	Socket	c	22-28	.46	.38	.32
538-39-00-0184	D	Socket	d	22-28	.49	.45	.39
538-39-00-0082	E	Pin	b	16	.18	.16	.14
538-39-00-0041	E	Pin	b	18-24	.09	.06	.05
538-39-00-0054	E	Pin	c	18-24	.46	.38	.32
538-39-00-0220	E	Pin	d	18-24	.49	.45	.39
538-39-00-0049	E	Pin	b	22-28	.10	.07	.06
538-39-00-0088	E	Pin	c	22-28	.46	.38	.32
538-39-00-0222	E	Pin	d	24-28	.49	.45	.39

PCB Headers

• Contact Included

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fig.	No. of Circuits	UL Rating	Contact Plating	Price Each		
					1	10	100
Vertical, Single Row with Pegs 5566 Series							
538-39-30-1039	F	3	94V-2	Tin	1.00	.82	.59
538-39-30-2031	F	3	94V-2	Gold	1.64	1.23	1.03
538-39-30-2050	F	5	94V-0	Tin	1.22	.91	.76
Vertical, Single Row with Pegs and Drain Holes 5566 Series							
538-39-30-2035	F	3	94V-2	Tin	.67	.50	.42
538-39-30-2045	F	4	94V-2	Tin	1.17	1.10	.93
538-39-30-2047	F	4	94V-2	Gold	1.81	1.35	1.13
538-39-30-2056	F	5	94V-0	Tin	1.61	1.52	1.03
538-39-30-2058	F	5	94V-0	Gold	2.46	1.84	1.54
Vertical, Dual Row with Pegs 5566 Series							
538-39-29-9025	F	2	94V-2	Gold	.98	.74	.61
538-39-29-9043	F	4	94V-2	Tin	.75	.64	.57
538-39-29-9047	F	4	94V-0	Tin	.56	.51	.46
538-39-29-9163	F	16	94V-2	Tin	1.93	1.45	1.21
538-39-29-9243	F	24	94V-2	Tin	2.90	2.18	1.81
Vertical, Dual Row with Pegs and Drain Holes 5566 Series							
538-39-29-9042	F	4	94V-2	Tin	.65	.58	.51
538-39-29-9046	F	4	94V-0	Tin	.86	.64	.54
538-39-28-9048	F	4	94V-0	Gold	2.39	1.79	1.49
538-39-29-9062	F	6	94V-2	Tin	.83	.74	.65
538-39-29-9066	F	6	94V-0	Tin	.63	.57	.52
538-39-28-9068	F	6	94V-0	Gold	2.73	2.05	1.71
538-39-29-9086	F	8	94V-0	Tin	.67	.59	.53
538-39-28-9088	F	8	94V-0	Gold	3.36	2.52	2.10
538-39-29-9102	F	10	94V-2	Tin	.83	.76	.68
538-39-29-9146	F	14	94V-0	Tin	1.47	1.23	.98
538-39-29-9162	F	16	94V-2	Tin	1.95	1.47	1.22
538-39-29-9202	F	20	94V-2	Tin	1.39	1.05	.87
538-39-29-9206	F	20	94V-0	Tin	2.53	1.90	1.58
538-39-29-9242	F	24	94V-2	Tin	2.18	1.82	1.31
538-39-29-9246	F	24	94V-0	Tin	2.05	1.72	1.24

