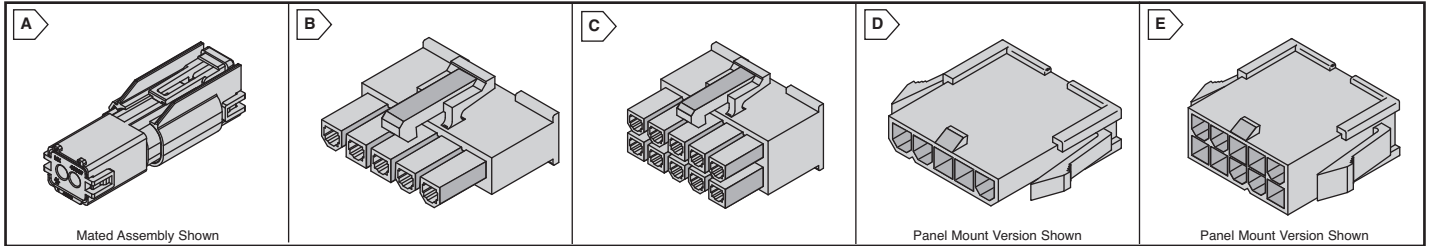


# MOLEX Mini-Fit H2O™ and Mini-Fit Jr™ Connectors molex

one company • a world of innovation



## MINI-FIT H2O™ SEALED CONNECTORS

### Specifications:

- 4.20mm pitch
- IP67 rated
- interface & wire seals pre-installed
- 18-20 AWG
- 9.0A per circuit max
- 600V max



RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Description	Price Each		
				1	10	100
<b>Receptacle</b>						
538-46064-0032	46064-0032	A	2 Ckt Receptacle	2.73	2.51	2.32
<b>Plug</b>						
538-46065-0032	46065-0032	A	2 Ckt Plug	2.73	2.51	2.32
<b>Terminals</b>						
538-46055-0007	46055-0007	-	Female, Tin	.20	.18	.16
538-46056-0004	46056-0004	-	Male, Tin	.20	.18	.16
<b>Tool</b>						
538-63819-1800	63819-1800	-	Hand Crimp	307.16	-	-

## MINI-FIT JR.™ CONNECTORS

### Specifications:

- 4.20mm pitch
- 9.0A per circuit max
- 600V max
- Fully isolated terminals



RoHS Compliant

### Receptacles

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	UL Rating	Price Each		
					1	10	100
<b>Single Row - 5557 Series</b>							
538-39-01-4030	39-01-4030	B	3	94V-2	.44	.37	.26
538-39-01-4031	39-01-4031	B	3	94V-0	.68	.57	.39
538-39-01-4040	39-01-4040	B	4	94V-2	.54	.44	.31
538-39-01-4041	39-01-4041	B	4	94V-0	.77	.64	.45
538-39-01-4050	39-01-4050	B	5	94V-2	.57	.47	.33
538-39-01-4051	39-01-4051	B	5	94V-0	.81	.62	.49
<b>Dual Row - 5557 Series</b>							
538-39-01-2020	39-01-2020	C	2	94V-2	.32	.24	.19
538-39-01-2025	39-01-2025	C	2	94V-0	.61	.53	.35
538-39-01-2040	39-01-2040	C	4	94V-2	.35	.30	.22
538-39-01-2045	39-01-2045	C	4	94V-0	.62	.52	.35
538-39-01-2060	39-01-2060	C	6	94V-2	.46	.42	.28
538-39-01-2065	39-01-2065	C	6	94V-0	.83	.73	.45
538-39-01-2080	39-01-2080	C	8	94V-2	.55	.42	.32
538-39-01-2085	39-01-2085	C	8	94V-0	.88	.78	.52
538-39-01-2100	39-01-2100	C	10	94V-2	.68	.59	.39
538-39-01-2105	39-01-2105	C	10	94V-0	.98	.82	.55
538-39-01-2120	39-01-2120	C	12	94V-2	.80	.68	.46
538-39-01-21-25	39-01-2125	C	12	94V-0	.98	.90	.58
538-39-01-2140	39-01-2140	C	14	94V-2	.94	.863	.575
538-39-01-2145	39-01-2145	C	14	94V-0	1.25	1.07	.74
538-39-01-2160	39-01-2160	C	16	94V-2	.96	.84	.56
538-39-01-2165	39-01-2165	C	16	94V-0	1.53	1.35	.90
538-39-01-2180	39-01-2180	C	18	94V-2	1.07	.94	.64
538-39-01-2185	39-01-2185	C	18	94V-0	1.08	.95	.642
538-39-01-2200	39-01-2200	C	20	94V-2	1.19	.98	.71
538-39-01-2205	39-01-2205	C	20	94V-0	1.84	1.53	1.11
538-39-01-2220	39-01-2220	C	22	94V-2	1.71	1.50	.99
538-39-01-2225	39-01-2225	C	22	94V-0	2.10	1.92	1.38
538-39-01-2240	39-01-2240	C	24	94V-2	1.31	1.16	.766
538-39-01-2245	39-01-2245	C	24	94V-0	1.90	1.58	1.12

### Plugs

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	UL Rating	Price Each		
					1	10	100
<b>Single Row - Panel Mount - 5559 Series</b>							
538-39-01-4032	39-01-4032	D	3	94V-2	.50	.41	.29
538-39-01-4033	39-01-4033	D	3	94V-0	.77	.67	.45
538-39-01-4052	39-01-4052	D	5	94V-2	.56	.45	.32
538-39-01-4053	39-01-4053	D	5	94V-0	.78	.69	.50
<b>Single Row - Free Hanging - 5559 Series</b>							
538-39-01-4036	39-01-4036	D	3	94V-2	.49	.42	.28
538-39-01-4037	39-01-4037	D	3	94V-0	.63	.52	.38
538-39-01-4046	39-01-4046	D	4	94V-2	.53	.43	.31
538-39-01-4047	39-01-4047	D	4	94V-0	.82	.66	.424
538-39-01-4056	39-01-4056	D	5	94V-2	.56	.49	.33
538-39-01-4057	39-01-4057	D	5	94V-0	.52	.50	.41

### Plugs (Cont.)

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	UL Rating	Price Each		
					1	10	100
<b>Dual Row - Panel Mount - 5559 Series</b>							
538-39-01-2021	39-01-2021	E	2	94V-2	.46	.40	.27
538-39-01-2026	39-01-2026	E	2	94V-0	.69	.60	.40
538-39-01-2041	39-01-2041	E	4	94V-2	.50	.45	.30
538-39-01-2046	39-01-2046	E	4	94V-0	.61	.56	.37
538-39-01-2061	39-01-2061	E	6	94V-2	.55	.47	.31
538-39-01-2066	39-01-2066	E	6	94V-0	.88	.76	.53
538-39-01-2081	39-01-2081	E	8	94V-2	.40	.34	.23
538-39-01-2086	39-01-2086	E	8	94V-0	.66	.51	.46
538-39-01-2101	39-01-2101	E	10	94V-2	.68	.59	.39
538-39-01-2106	39-01-2106	E	10	94V-0	.94	.84	.59
538-39-01-2121	39-01-2121	E	12	94V-2	.72	.64	.42
538-39-01-2126	39-01-2126	E	12	94V-0	1.02	.79	.64
538-39-01-2141	39-01-2141	E	14	94V-2	.85	.69	.54
538-39-01-2146	39-01-2146	E	14	94V-0	1.19	.98	.74
538-39-01-2161	39-01-2161	E	16	94V-2	1.26	.97	.74
538-39-01-2166	39-01-2166	E	16	94V-0	1.47	1.35	.89
538-39-01-2181	39-01-2181	E	18	94V-2	1.32	1.16	.77
538-39-01-2201	39-01-2201	E	20	94V-2	1.53	1.20	.90
538-39-01-2221	39-01-2221	E	22	94V-2	1.70	1.50	1.00
538-39-01-2241	39-01-2241	E	24	94V-2	1.85	1.58	1.09
<b>Dual Row - Free Hanging - 5559 Series</b>							
538-39-01-3023	39-01-3023	E	2	94V-2	.42	.35	.24
538-39-01-3029	39-01-3029	E	2	94V-0	.69	.42	.35
538-39-01-3043	39-01-3043	E	4	94V-2	.42	.34	.25
538-39-01-3049	39-01-3049	E	4	94V-0	.75	.55	.39
538-39-01-3063	39-01-3063	E	6	94V-2	.53	.47	.28
538-39-01-3069	39-01-3069	E	6	94V-0	.82	.67	.55
538-39-01-3083	39-01-3083	E	8	94V-2	.64	.55	.35
538-39-01-3089	39-01-3089	E	8	94V-0	.88	.72	.57
538-39-01-3103	39-01-3103	E	10	94V-2	.65	.58	.39
538-39-01-3109	39-01-3109	E	10	94V-0	.49	.43	.36
538-39-01-3123	39-01-3123	E	12	94V-2	.64	.56	.37
538-39-01-3129	39-01-3129	E	12	94V-0	1.10	.97	.646
538-39-01-3143	39-01-3143	E	14	94V-2	.91	.74	.53
538-39-01-3163	39-01-3163	E	16	94V-2	1.06	.98	.66
538-39-01-3169	39-01-3169	E	16	94V-0	1.10	.92	.74
538-39-01-3183	39-01-3183	E	18	94V-2	1.01	.86	.74



### Terminals

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Gender	Plating	AWG	Price Each	
						1	100
<b>High Current - Up to 13A max - 45750 / 46012 series</b>							
538-45750-3112	45750-3112	-	Female	Tin	16	.17	.16
538-45750-1212	45750-1212	-	Female	Gold	18-24	.62	.53
538-46012-3142	46012-3142	-	Male	Tin	16	.22	.21
<b>High Current - Up to 12A max - 44476 / 4447 Series</b>							
538-44476-3112	44476-3112	-	Female	Tin	16	.20	.18
538-44476-1112	44476-1112	-	Female	Tin	18-20	.22	.19
538-44478-3112	44478-3112	-	Male	Tin	16	.27	.19
538-44478-1112	44478-1112	-	Male	Tin	18-20	.20	.18
<b>5556 / 5558 Series</b>							
538-39-00-0078	39-00-0078	-	Female	Tin	16	.17	.15
538-39-00-0168	39-00-0168	-	Female	Gold	16	.55	.41
538-39-00-0186	39-00-0186	-	Female	Gold	16	.65	.548
538-39-00-0080	39-00-0080	-	Female	Tin	16	.18	.16
538-39-00-0039	39-00-0039	-	Female	Tin	18-24	.11	.09
538-39-00-0164	39-00-0164	-	Female	Gold	18-24	.55	.42
538-39-00-0182	39-00-0182	-	Female	Gold	18-24	.83	.56
538-39-00-0060	39-00-0060	-	Female	Tin	18-24	.17	.141
538-39-00-0047	39-00-0047	-	Female	Tin	22-28	.10	.08
538-39-00-0082	39-00-0082	-	Male	Tin	16	.15	.10
538-39-00-0096	39-00-0096	-	Male	Gold	16	.61	.42
538-39-00-0041	39-00-0041	-	Male	Tin	18-24	.10	.09
538-39-00-0062	39-00-0062	-	Male	Tin	18-26	.17	.14
538-39-00-0220	39-00-0220	-	Male	Gold	18-24	.76	.52
538-39-00-0049	39-00-0049	-	Male	Tin	22-28	.10	.086

### Tools

MOUSER STOCK NO.	Molex Part No.	Fig.	Description	AWG	Price Each
538-63819-0900	63819-0900	-	Hand Crimp	16-24	241.72
538-63819-1000	63819-1000	-	Hand Crimp	22-28	235.00
538-11-03-0044	11-03-0044	-	Extraction	-	19.32