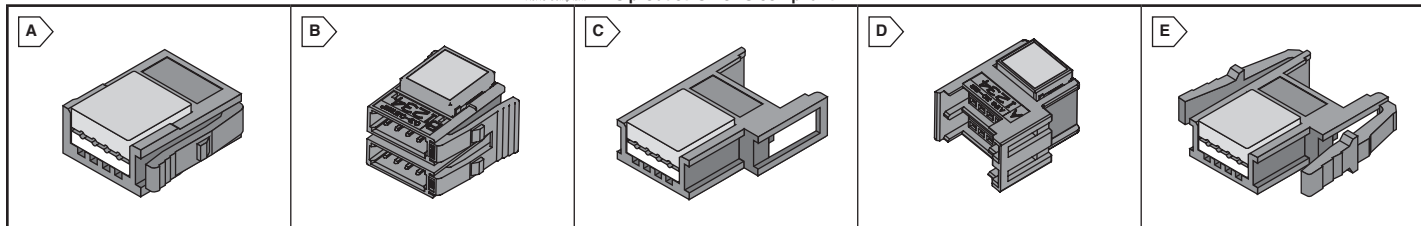


# 3M™ Mini-Clamp Connectors



RoHS Compliant This product is RoHS compliant.



## 2.00MM IDC WIREMOUNT MINI-CLAMP CONNECTORS

### Mini-Clamp I

#### Specifications:

- Flammability: UL94V-0
- Body Color: Black
- Contact Material: Copper Alloy
- Insulation Material: Nylon body, Polycarbonate cover
- Current Rating: 3.0A
- Voltage Rating: 32V
- Temperature Rating: -20°C to 85°C

#### Features:

- Operation by general tool "pliers" reduces tooling cost
- Latch enables rugged field termination
- RoHS Compliant per 3M documentation
- Designed to accommodate typical wiring specifications per Japanese and Asian Suppliers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Wire AWG	Cover Color	Wire Insulation OD (mm)	Price Each			
							1	10	25	50
<b>Plug Connectors</b>										
517-37103-2165-000-1	37103-2165-000 FL 100	A	3	20-22	Blue	1.2 ~ 1.6	2.04	1.86	1.70	1.55
517-37103-2206-000-1	37103-2206-000 FL 100	A	3	20-22	Gray	1.6 ~ 2.0	2.04	1.86	1.70	1.55
517-37103-3101-000-1	37103-3101-000 FL 100	A	3	24-26	Red	0.8 ~ 1.0	2.04	1.86	1.70	1.55
517-37103-3122-000-1	37103-3122-000 FL 100	A	3	24-26	Yellow	1.0 ~ 1.2	2.04	1.86	1.70	1.55
517-37104-2124-000-1	37104-2124-000 FL 100	A	4	20-22	Green	1.0 ~ 1.2	2.43	2.22	2.02	1.85
517-37104-2165-000-1	37104-2165-000 FL 100	A	4	20-22	Blue	1.2 ~ 1.6	2.44	2.25	2.06	1.88
517-37104-2206-000-1	37104-2206-000 FL 100	A	4	20-22	Gray	1.6 ~ 2.0	2.43	2.22	2.02	1.85
517-37104-3101-000-1	37104-3101-000 FL 100	A	4	24-26	Red	0.8 ~ 1.0	2.43	2.22	2.02	1.85
517-37104-3122-000-1	37104-3122-000 FL 100	A	4	24-26	Yellow	1.0 ~ 1.2	3.88	3.54	3.22	2.95
517-37104-3163-000-1	37104-3163-000 FL 100	A	4	24-26	Orange	1.2 ~ 1.6	2.43	2.22	2.02	1.85
517-37106-2165-0W0FL	37106-2165-0W0 FL	B	6	20-22	Blue	1.2 ~ 1.6	3.72	3.37	3.08	2.83
517-37106-3101-0W0FL	37106-3101-0W0 FL	B	6	24-26	Red	0.8 ~ 1.0	3.72	3.37	3.08	2.83
517-37106-3122-0W0FL	37106-3122-0W0 FL	B	6	24-26	Yellow	1.0 ~ 1.2	3.72	3.37	3.08	2.83
517-37108-2124-0W0FL	37108-2124-0W0 FL	B	8	20-22	Green	1.0 ~ 1.2	4.11	3.73	3.40	3.13
517-37108-2165-0W0FL	37108-2165-0W0 FL	B	8	20-22	Blue	1.2 ~ 1.6	4.11	3.73	3.40	3.13
517-37108-3122-0W0FL	37108-3122-0W0 FL	B	8	24-26	Yellow	1.0 ~ 1.2	4.41	4.00	3.65	3.36
<b>Socket Connectors Without Latches</b>										
517-37303-2165-000-1	37303-2165-000 FL 100	C	3	20-22	Blue	1.2 ~ 1.6	2.18	2.00	1.82	1.66
517-37303-2206-000-1	37303-2206-000 FL 100	C	3	20-22	Gray	1.6 ~ 2.0	2.18	2.00	1.82	1.66
517-37303-3101-000-1	37303-3101-000 FL 100	C	3	24-26	Red	0.8 ~ 1.0	2.18	2.00	1.82	1.66
517-37304-2124-000-1	37304-2124-000 FL 100	C	4	20-22	Green	1.0 ~ 1.2	2.62	2.39	2.18	1.99
517-37304-2206-000-1	37304-2206-000 FL 100	C	4	20-22	Gray	1.6 ~ 2.0	2.62	2.39	2.18	1.99
517-37304-3101-000-1	37304-3101-000 FL 100	C	4	24-26	Red	0.8 ~ 1.0	2.62	2.39	2.18	1.99
517-37304-3122-000-1	37304-3122-000 FL 100	C	4	24-26	Yellow	1.0 ~ 1.2	2.62	2.39	2.18	1.99
517-37304-3163-000-1	37304-3163-000 FL 100	C	4	24-26	Orange	1.2 ~ 1.6	2.62	2.39	2.18	1.99
517-37306-2124-0W0FL	37306-2124-0W0 FL	D	6	20-22	Green	1.0 ~ 1.2	3.15	2.99	2.89	2.73
517-37306-3101-0W0FL	37306-3101-0W0 FL	D	6	24-26	Red	0.8 ~ 1.0	3.15	2.99	2.89	2.73
517-37306-3122-0W0FL	37306-3122-0W0 FL	D	6	24-26	Yellow	1.0 ~ 1.2	3.15	2.99	2.89	2.73
517-37308-3163-0W0FL	37308-3163-0W0 FL	D	8	24-26	Orange	1.2 ~ 1.6	4.47	4.05	3.70	3.41
<b>Socket Connectors With Latches</b>										
517-37304-2165-0P0-1	37304-2165-0P0 FL 100	E	4	20-22	Blue	1.2 ~ 1.6	2.69	2.47	2.25	2.05

Rectangular Connectors 3M

### Mini-Clamp II

#### Specifications:

- Flammability: UL94V-0
- Body Color: Black
- Contact Material: Copper Alloy
- Insulation Material: Nylon body, Polycarbonate cover
- Current Rating: 3.0A
- Voltage Rating: 32V
- Temperature Rating: -20°C to 85°C

#### Features:

- Designed to accommodate typical wiring specifications per Europe and North America Suppliers
- No special tooling needed
- RoHS Compliant per 3M documentation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Wire AWG	Cover Color	Wire Insulation OD (mm)	Price Each			
							1	10	25	50
<b>Plug Connectors</b>										
517-37103-A165-00EMB	37103-A165-00E MB	A	3	20-24	Blue	1.2 ~ 1.6	2.04	1.86	1.70	1.55
517-37103-A206-00EMB	37103-A206-00E MB	A	3	20-24	Gray	1.6 ~ 2.0	2.04	1.86	1.70	1.55
517-37103-B122-00EMB	37103-B122-00E MB	A	3	24-26	Yellow	1.0 ~ 1.2	2.04	1.86	1.70	1.55
517-37104-A165-00EMB	37104-A165-00E MB	A	4	20-24	Blue	1.2 ~ 1.6	2.43	2.22	2.02	1.85
517-37104-A206-00EMB	37104-A206-00E MB	A	4	20-24	Gray	1.6 ~ 2.0	2.43	2.22	2.02	1.85
517-37104-B101-00EMB	37104-B101-00E MB	A	4	24-26	Red	0.8 ~ 1.0	2.40	2.20	2.00	1.83
517-37104-B122-00EMB	37104-B122-00E MB	A	4	24-26	Yellow	1.0 ~ 1.2	2.43	2.22	2.02	1.85
517-37104-B163-00EMB	37104-B163-00E MB	A	4	24-26	Orange	1.2 ~ 1.6	2.43	2.22	2.02	1.85
<b>Socket Connectors Without Latches</b>										
517-37303-A165-00EMB	37303-A165-00E MB	C	3	20-24	Blue	1.2 ~ 1.6	2.18	2.00	1.82	1.66
517-37303-B122-00EMB	37303-B122-00E MB	C	3	24-26	Yellow	1.0 ~ 1.2	2.18	2.00	1.82	1.66
517-37303-B163-00EMB	37303-B163-00E MB	C	3	24-26	Orange	1.2 ~ 1.6	2.18	2.00	1.82	1.66
517-37304-A165-00EMB	37304-A165-00E MB	C	4	20-24	Blue	1.2 ~ 1.6	2.62	2.39	2.18	1.99
517-37304-A206-00EMB	37304-A206-00E MB	C	4	20-24	Gray	1.6 ~ 2.0	2.62	2.39	2.18	1.99
517-37304-B101-00EMB	37304-B101-00E MB	C	4	24-26	Red	0.8 ~ 1.0	2.62	2.39	2.18	1.99
517-37304-B163-00EMB	37304-B163-00E MB	C	4	24-26	Orange	1.2 ~ 1.6	2.62	2.39	2.18	1.99
<b>Socket Connectors With Latches</b>										
517-37303-A165-0PEMB	37303-A165-0PE MB	D	3	20-24	Blue	1.2 ~ 1.6	2.29	2.08	1.90	1.72
517-37304-B163-0PEMB	37304-B163-0PE MB	D	4	24-26	Orange	1.2 ~ 1.6	2.73	2.47	2.26	2.05