

3M 2mm Mini-Clamp Plugs and Sockets



Features: • Provides even quality • Reduces maintenance work by providing higher connection reliability • Reduces waste • Operation by general tool "pliers" reduces tooling cost • Latch enabled rugged field termination • **Physical Specifications:** • Material: Glass reinforced thermoplastic body & lower cover, transparent thermoplastic cover • Flammability: UL 94V-0 • Underplating: 100µ" (2.54µm) nickel • Wiping area: 8µ" (0.2µm) minimum gold with lubricant
Electrical Specifications: • Current Rating: 3A • Voltage Rating: 32V • Temperature Rating: -20°C ~ 85°C

Fig.	No. of Pos.	Dim. A mm
Fig. 1 - Wiremount Plug	3	12.9
	4	14.9
Fig. 2 - Boardmount Plug, Single Row	3	13.8
	4	15.8
Fig. 3 - Boardmount Plug, Multiple Row	3	13.8
	4	15.8
Fig. 4 - Wiremount Socket	3 (without latch)	13.8
	3 (with latch)	23.4
	4 (without latch)	15.8
	4 (with latch)	25.4

Fig.	No. of Pos.	AWG	Wire Ins. Dia. - mm	Cover Color	Digi-Key Part No.	Price Each		3M Part No.		
						1	50			
1	3	20-22	1.0-1.2	Green	3M5704-ND	2.00	1.87	1.74	37103-2124-000 FL 500	
		20-24	1.0-1.2	Green	3M9003-ND NEW!	2.21	2.06	1.92	37103-A124-00E MB	
		20-22	1.2-1.6	Blue	3M5705-ND	2.00	1.87	1.74	37103-2165-000 FL 500	
		20-24	1.2-1.6	Blue	3M9004-ND NEW!	2.21	2.06	1.92	37103-A165-00E MB	
		20-22	1.6-2.0	Gray	3M5706-ND	2.00	1.87	1.74	37103-2206-000 FL 500	
		20-24	1.6-2.0	Gray	3M9005-ND NEW!	2.21	2.06	1.92	37103-A206-00E MB	
	4	20-24	0.8-1.0	Red	3M5707-ND	2.00	1.87	1.74	37103-3101-000 FL 500	
		20-26	0.8-1.0	Red	3M9006-ND NEW!	2.21	2.06	1.92	37103-B101-00E MB	
		20-24	1.0-1.2	Yellow	3M5708-ND	2.00	1.87	1.74	37103-3122-000 FL 500	
		20-26	1.0-1.2	Yellow	3M9007-ND NEW!	2.21	2.06	1.92	37103-B122-00E MB	
		20-26	1.2-1.6	Orange	3M5709-ND	2.00	1.87	1.74	37103-3163-000 FL 500	
		20-26	1.2-1.6	Orange	3M9008-ND NEW!	2.21	2.06	1.92	37103-B163-00E MB	
2	3	20-22	1.0-1.2	Green	3M5710-ND	2.32	2.17	2.01	37104-2124-000 FL 500	
		20-24	1.0-1.2	Green	3M9009-ND NEW!	2.63	2.46	2.29	37104-A124-00E MB	
		20-22	1.2-1.6	Blue	3M5711-ND	2.32	2.17	2.01	37104-2165-000 FL 500	
		20-24	1.2-1.6	Blue	3M9010-ND NEW!	2.63	2.46	2.29	37104-A165-00E MB	
		20-22	1.6-2.0	Gray	3M5712-ND	2.32	2.17	2.01	37104-2206-000 FL 500	
		20-24	1.6-2.0	Gray	3M9011-ND NEW!	2.63	2.46	2.29	37104-A206-00E MB	
	4	20-26	0.8-1.0	Red	3M5713-ND	2.32	2.17	2.01	37104-3101-000 FL 500	
		20-26	0.8-1.0	Red	3M9012-ND NEW!	2.63	2.46	2.29	37104-B101-00E MB	
		20-26	1.0-1.2	Yellow	3M5714-ND	2.32	2.17	2.01	37104-3122-000 FL 500	
		20-26	1.0-1.2	Yellow	3M9013-ND NEW!	2.63	2.46	2.29	37104-B122-00E MB	
		20-26	1.2-1.6	Orange	3M5715-ND	2.32	2.17	2.01	37104-3163-000 FL 500	
		20-26	1.2-1.6	Orange	3M9014-ND NEW!	2.63	2.46	2.29	37104-B163-00E MB	
3	3	—	—	—	3M5700-ND‡	1.49	1.39	1.29	37203-62A3-003PL	
		—	—	—	3M5701-ND‡	1.49	1.39	1.29	37203-62B3-003PL	
		—	—	—	3M5702-ND‡	1.69	1.58	1.47	37204-62A3-004PL	
	4	—	—	—	3M5703-ND‡	1.69	1.58	1.47	37204-62B3-004PL	
		—	—	—	3M5716-ND‡§	3.42	3.20	2.97	37208-62A3-004PL	
		—	—	—	3M5717-ND‡	2.95	2.76	2.56	37212-62M3-003PL	
	3x4	—	—	—	3M5718-ND‡	2.95	2.76	2.56	37216-62M3-004PL	
		—	—	—	3M5719-ND‡	2.16	2.02	1.88	37303-2124-000 FL 500	
		—	—	—	3M5720-ND‡	2.25	2.10	1.95	37303-2124-000 FL 500	
	4	3	20-24	1.0-1.62	Green	3M9015-ND NEW!	2.36	2.21	2.05	37303-A124-00E MB
			20-22	1.0-1.62	Green	3M5720-ND‡	2.25	2.10	1.95	37303-2124-000 FL 500
			20-24	1.0-1.62	Green	3M9016-ND NEW!	2.48	2.31	2.15	37303-A124-00E MB
20-22			1.2-1.6	Blue	3M5721-ND	2.16	2.02	1.88	37303-2165-000 FL 500	
20-24			1.2-1.6	Blue	3M9017-ND NEW!	2.36	2.21	2.05	37303-A165-00E MB	
20-22			1.2-1.6	Blue	3M5722-ND‡	2.25	2.10	1.95	37303-2165-000 FL 500	
4		20-24	1.2-1.6	Blue	3M9018-ND NEW!	2.48	2.31	2.15	37303-A165-00E MB	
		20-22	1.6-2.0	Gray	3M5723-ND	2.16	2.02	1.88	37303-2206-000 FL 500	
		20-24	1.6-2.0	Gray	3M9019-ND NEW!	2.36	2.21	2.05	37303-A206-00E MB	
		20-22	1.6-2.0	Gray	3M5724-ND‡	2.25	2.10	1.95	37303-2206-000 FL 500	
		20-24	1.6-2.0	Gray	3M9020-ND NEW!	2.48	2.31	2.15	37303-A206-00E MB	
		20-26	0.8-1.0	Red	3M5725-ND	2.16	2.02	1.88	37303-3101-000 FL 500	
5	3	20-26	0.8-1.0	Red	3M9021-ND NEW!	2.36	2.21	2.05	37303-B101-00E MB	
		20-26	0.8-1.0	Red	3M5726-ND‡	2.25	2.10	1.95	37303-3101-000 FL 500	
		20-26	0.8-1.0	Red	3M9022-ND NEW!	2.48	2.31	2.15	37303-B101-00E MB	
		20-26	1.0-1.62	Yellow	3M5727-ND	2.16	2.02	1.88	37303-3122-000 FL 500	
		20-26	1.0-1.62	Yellow	3M9023-ND NEW!	2.36	2.21	2.05	37303-B122-00E MB	
		20-26	1.0-1.62	Yellow	3M5728-ND‡	2.25	2.10	1.95	37303-3122-000 FL 500	
	4	20-26	1.0-1.62	Yellow	3M9024-ND NEW!	2.48	2.31	2.15	37303-B122-00E MB	
		20-26	1.2-1.6	Orange	3M5729-ND	2.16	2.02	1.88	37303-3163-000 FL 500	
		20-26	1.2-1.6	Orange	3M9025-ND NEW!	2.36	2.21	2.05	37303-B163-00E MB	
		20-26	1.2-1.6	Orange	3M5730-ND‡	2.48	2.31	2.15	37303-3163-000 FL 500	
		20-26	1.2-1.6	Orange	3M9026-ND NEW!	2.48	2.31	2.15	37303-B163-00E MB	
		20-22	1.0-1.62	Green	3M5731-ND	2.52	2.36	2.19	37304-2124-000 FL 500	
6	3	20-24	1.0-1.2	Yellow	3M9027-ND NEW!	2.84	2.65	2.46	37304-A124-00E MB	
		20-22	1.0-1.62	Green	3M5732-ND‡	2.63	2.46	2.29	37304-2124-000 FL 500	
		20-24	1.0-1.2	Yellow	3M9028-ND NEW!	2.95	2.76	2.56	37304-A124-00E MB	
		20-22	1.2-1.6	Blue	3M5733-ND	2.52	2.36	2.19	37304-2165-000 FL 500	
		20-24	1.2-1.6	Blue	3M9029-ND NEW!	2.84	2.65	2.46	37304-A165-00E MB	
		20-22	1.2-1.6	Blue	3M5734-ND‡	2.63	2.46	2.29	37304-2165-000 FL 500	
	4	20-24	1.2-1.6	Blue	3M9030-ND NEW!	2.95	2.76	2.56	37304-A165-00E MB	
		20-22	1.6-2.0	Gray	3M5735-ND	2.52	2.36	2.19	37304-2206-000 FL 500	
		20-24	1.6-2.0	Gray	3M9031-ND NEW!	2.84	2.65	2.46	37304-A206-00E MB	
		20-22	1.6-2.0	Gray	3M5736-ND‡	2.63	2.46	2.29	37304-2206-000 FL 500	
		20-24	1.6-2.0	Gray	3M9032-ND NEW!	2.95	2.76	2.56	37304-A206-00E MB	
		20-26	0.8-1.0	Red	3M5737-ND	2.52	2.36	2.19	37304-3101-000 FL 500	
7	3	20-26	0.8-1.0	Red	3M9033-ND NEW!	2.84	2.65	2.46	37304-B101-00E MB	
		20-26	0.8-1.0	Red	3M5738-ND‡	2.63	2.46	2.29	37304-3101-000 FL 500	
		20-26	0.8-1.0	Red	3M9034-ND NEW!	2.95	2.76	2.56	37304-B101-00E MB	
		20-26	1.0-1.62	Yellow	3M5739-ND	2.52	2.36	2.19	37304-3122-000 FL 500	
		20-26	1.0-1.62	Yellow	3M9035-ND NEW!	2.84	2.65	2.46	37304-B122-00E MB	
		20-26	1.0-1.62	Yellow	3M5740-ND‡	2.63	2.46	2.29	37304-3122-000 FL 500	
	4	20-26	1.0-1.62	Yellow	3M9036-ND NEW!	2.95	2.76	2.56	37304-B122-00E MB	
		20-26	1.2-1.6	Orange	3M5741-ND	2.52	2.36	2.19	37304-3163-000 FL 500	
		20-26	1.2-1.6	Orange	3M9037-ND NEW!	2.84	2.65	2.46	37304-B163-00E MB	
		20-26	1.2-1.6	Orange	3M5742-ND‡	2.63	2.46	2.29	37304-3163-000 FL 500	
		20-26	1.2-1.6	Orange	3M9038-ND NEW!	2.95	2.76	2.56	37304-B163-00E MB	
		20-26	1.2-1.6	Orange	3M5743-ND‡	2.63	2.46	2.29	37304-3163-000 FL 500	

† With Latch ‡ See Digi-Key website for PCB footprint type § 3M5716 Dim. = 12.9

NEW! CHG Series .100" Wiremount Sockets



Features: • Twin slot IDC provides four points of contact • Exclusive L/H 4-wire contact • 3435-0 keying plus is optional • Accepts discrete wire or notched ribbon cable **Single Row Features:** • One row, side-to-side stackable • Mates to 3M one row pin strip headers **Double Row Features:** • Military/DIN 41612 compatibility • Two row, polarized body • Mates to 3M long latch/eject headers and plugs
Specifications: Physical Specifications: • Insulation Material: Glass Filled Polyester (PBT) • Insulation Flammability: UL 94V-0 • Insulation Color: Gray • Contact Material: Copper Alloy • Plating Wire Area: 30µ" (0.76µm) Gold • Underplating and U-Slot: 100µ" (2.54µm) Nickel **Electrical Specifications:** • Current Rating: 22-24 AWG: 2A; 26-28 AWG: 1.5A • Insulation Resistance: >1x10⁹Ω at 500VDC • Withstanding Voltage: 1000 VRMS at Sea Level **Environmental Specifications:** • Temperature Rating: -55°C ~ 105°C

Fig.	No. of Positions	Dim. in mm	AWG	Digi-Key Part No.	Price Each	3M Part No.
Fig. 1	2	5.72	26-28	3M9064-ND	1.06	99
	3	5.72	22-24	3M9065-ND	1.92	87
Fig. 2	2	8.26	26-28	3M9066-ND	1.96	1.83
	3	8.26	22-24	3M9067-ND	2.14	2.00

Fig.	No. of Positions	Dim. in mm	AWG	Digi-Key Part No.	Price Each		3M Part No.	
					1	50		
Single Row								
1	2	5.72	26-28	3M9064-ND	1.06	99	CHG-1002-001010-KCP	
	3	5.72	22-24	3M9065-ND	1.92	87	CHG-1002-001010-KEP	
	2	8.26	26-28	3M9066-ND	1.96	1.83	CHG-1003-001010-KCP	
	3	8.26	22-24	3M9067-ND	2.14	2.00	CHG-1003-001010-KEP	
	4	10.80	26-28	3M9068-ND	2.12	1.98	CHG-1004-001010-KCP	
	4	10.80	22-24	3M9069-ND	1.91	1.79	1.66	CHG-1004-001010-KEP
	5	13.34	26-28	3M9070-ND	2.66	2.48	2.31	CHG-1005-001010-KCP
	5	13.34	22-24	3M9071-ND	3.06	2.86	2.66	CHG-1005-001010-KEP
	6	15.88	26-28	3M9072-ND	3.17	2.97	2.75	CHG-1006-001010-KCP
	6	15.88	22-24	3M9073-ND	2.97	2.78	2.58	CHG-1006-001010-KEP
	7	18.42	26-28	3M9074-ND	3.69	3.45	3.20	CHG-1007-001010-KCP
	7	18.42	22-24	3M9075-ND	3.69	3.45	3.20	CHG-1007-001010-KEP
	8	20.96	26-28	3M9076-ND	4.23	3.95	3.67	CHG-1008-001010-KCP
	8	20.96	22-24	3M9077-ND	4.23	3.95	3.67	CHG-1008-001010-KEP
9	23.50	26-28	3M9078-ND	3.76	3.51	3.26	CHG-1009-001010-KCP	