

**3M Zero Insertion Force (ZIF) I.C. Sockets** (Cont.)



**A**

No. of Pins	Contact Plating	Dimensions – Inch (mm)				Digi-Key Part No.	Pricing		3M Part No.
		A	B	C	D		1	10	
22	Gold	1.06 (26.9)	.65 (16.5)	1.69 (42.9)	.400 (10.16)	3M5017-ND	11.76	94.11	222-3343-19-0602J
24	Gold	1.26 (32.0)	.86 (21.8)	1.77 (45.0)	.600 (15.24)	3M5018-ND	10.59	84.72	224-1275-19-0602J
24	Gold	.96 (24.4)	.56 (14.2)	1.77 (45.0)	.300 (7.62)	3M5022-ND	12.28	98.21	224-5248-19-0602J
28	Gold	1.26 (32.0)	.86 (21.8)	1.98 (50.3)	.600 (15.24)	3M5023-ND	11.88	95.03	228-1277-19-0602J
28	Gold	1.06 (26.9)	.66 (16.8)	1.98 (50.3)	.400 (10.16)	3M5029-ND	13.76	110.10	228-4817-19-0602J
32	Gold	1.25 (32.0)	.86 (21.9)	2.17 (55.2)	.600 (15.24)	3M5031-ND	20.19	161.52	232-1285-19-0602J
40	Gold	1.27 (32.3)	.86 (21.8)	2.58 (65.5)	.600 (15.24)	3M5034-ND	14.46	115.65	240-1280-19-0602J
40	Gold	1.66 (42.2)	1.26 (32.0)	2.58 (65.5)	1.000 (25.4)	3M5038-ND	17.65	141.16	240-3639-19-0602J
42	Gold	1.26 (32.0)	.86 (21.8)	2.68 (68.1)	.600 (15.24)	3M5040-ND	15.68	125.44	242-1281-19-0602J
48	Gold	1.25 (31.8)	.86 (21.8)	2.98 (75.8)	.600 (15.24)	3M5046-ND	16.64	133.10	248-1282-19-0602J
64	Gold	1.70 (43.2)	1.30 (33.0)	3.95 (100.3)	.900 (22.86)	3M5051-ND	24.24	193.90	264-4493-19-0602J
<b>ZIP DIP Receptacles — Solder Tail without Flanges</b>									
24	Gold	1.26 (32.0)	.86 (21.8)	1.77 (45.0)	.600 (15.24)	3M5019-ND	8.44	67.54	224-1275-29-0602J
28	Gold	1.26 (32.0)	.86 (21.8)	1.98 (50.3)	.600 (15.24)	3M5024-ND	8.81	70.45	228-1277-29-0602J
28	Gold	1.09 (27.9)	.70 (17.8)	1.59 (40.5)	.400 (10.16)	3M5027-ND	8.76	70.05	228-1290-29-0602J
32	Gold	1.25 (32.0)	.86 (21.9)	2.17 (55.2)	.600 (15.24)	3M5032-ND	9.63	77.06	232-1285-29-0602J
40	Gold	1.27 (32.3)	.86 (21.8)	2.58 (65.5)	.600 (15.24)	3M5035-ND	11.70	93.58	240-1280-29-0602J
42	Gold	1.26 (32.0)	.86 (21.8)	2.68 (68.1)	.600 (15.24)	3M5041-ND	11.85	94.77	242-1281-29-0602J
42	Gold	1.30 (33.0)	.90 (22.9)	2.08 (52.9)	.600 (15.24)	3M5044-ND	25.69	205.53	242-1293-29-0602J
48	Gold	1.25 (31.8)	.86 (21.8)	2.98 (75.8)	.600 (15.24)	3M5047-ND	12.51	100.06	248-1282-29-0602J
64	Gold	1.52 (38.5)	1.11 (28.3)	2.85 (72.5)	.800 (20.32)	3M5050-ND	16.77	134.16	264-1300-29-0602J
90	Gold	1.61 (40.8)	1.19 (30.2)	3.77 (95.7)	.900 (22.86)	3M5053-ND	23.31	186.50	290-1294-29-0602J
<b>ZIP DIP Receptacles — Wire Wrap without Flanges</b>									
24	Gold	1.26 (32.0)	.86 (21.8)	1.77 (45.0)	.600 (15.24)	3M5020-ND	10.59	84.72	224-1275-39-0602J
28	Gold	1.26 (32.0)	.86 (21.8)	1.98 (50.3)	.600 (15.24)	3M5025-ND	11.88	95.03	228-1277-39-0602J
32	Gold	1.25 (32.0)	.86 (21.9)	2.17 (55.2)	.600 (15.24)	3M5033-ND	12.36	98.87	232-1285-39-0602J
40	Gold	1.27 (32.3)	.86 (21.8)	2.58 (65.5)	.600 (15.24)	3M5036-ND	14.46	115.65	240-1280-39-0602J
42	Gold	1.26 (32.0)	.86 (21.8)	2.68 (68.1)	.600 (15.24)	3M5042-ND	15.68	125.44	242-1281-39-0602J
48	Gold	1.25 (31.8)	.86 (21.8)	2.98 (75.8)	.600 (15.24)	3M5048-ND	16.64	133.10	248-1282-39-0602J
<b>Universal DIP Sockets</b>									
24	Gold	1.77 (45.0)	—	1.10 (27.94)	—	3M2406-ND	10.79	85.62	224-1286-00-0602J
28	Gold	1.99 (50.5)	—	1.30 (33.02)	—	3M2806-ND	13.71	108.86	228-1371-00-0602J
32	Gold	2.19 (56.6)	—	1.50 (38.10)	—	3M5005-ND	17.17	137.33	232-1287-00-0602J
40	Gold	2.59 (65.8)	—	1.90 (48.26)	—	3M4006-ND	16.89	133.99	240-1288-00-0602J
42	Gold	2.69 (68.2)	—	2.00 (50.80)	—	3M5006-ND	21.51	172.09	242-1289-00-0602J
<b>Shrink DIP Sockets — .070" Pin to Pin Pitch</b>									
28	Gold	1.60 (40.5)	1.42 (36.1)	.70 (17.8)	.40 (10.16)	3M5007-ND	11.48	91.86	228-1290-00-0602J
32	Gold	1.73 (44.0)	1.56 (39.6)	.70 (17.8)	.40 (10.16)	3M5008-ND	16.14	129.14	232-1291-00-0602J
42	Gold	2.10 (52.9)	1.90 (48.5)	.90 (22.9)	.60 (15.24)	3M5009-ND	15.75	125.96	242-1293-00-0602J
56	Gold	2.57 (65.4)	2.40 (61.0)	.90 (22.9)	.60 (15.24)	3M5010-ND	21.40	171.17	256-1292-00-0602J
64	Gold	2.90 (72.5)	2.68 (68.0)	1.10 (28.3)	.80 (20.70)	3M5011-ND	20.80	166.41	264-1300-00-0602J
90	Gold	3.77 (95.7)	3.59 (91.3)	1.23 (31.3)	.90 (22.86)	3M5012-ND	33.26	266.07	290-1294-00-3302J
<b>SOIC Lidded Sockets</b>									
8	Gold	1.45 (36.8)	.47 (11.9)	—	—	3M5054-ND	15.71	125.70	208-7391-55-1902
14	Gold	1.45 (36.8)	.47 (11.9)	—	—	3M5055-ND	16.72	133.76	214-7390-55-1902
16	Gold	1.59 (40.4)	.57 (14.5)	—	—	3M5077-ND	17.74	141.96	216-7224-55-1902
16	Gold	1.45 (36.8)	.47 (11.9)	—	—	3M5078-ND	17.74	141.96	216-7383-55-1902
18	Gold	1.59 (40.4)	.57 (14.5)	—	—	3M5056-ND	18.21	145.66	218-7223-55-1902
20	Gold	1.59 (40.4)	.57 (14.5)	—	—	3M5057-ND	19.23	153.85	220-7201-55-1902
24	Gold	1.69 (42.9)	.80 (20.3)	—	—	3M5058-ND	21.25	169.98	224-7397-55-1902
28	Gold	1.69 (42.9)	.80 (20.3)	—	—	3M5059-ND	23.23	185.84	228-7396-55-1902
28	Gold	1.69 (42.9)	.80 (20.3)	—	—	3M5060-ND	23.23	185.84	228-7474-55-1902
<b>In-Line ZIP Strip Sockets</b>									
10	Gold	1.77 (45.0)	1.60 (40.8)	—	—	3M5061-ND	21.56	172.49	210-2599-00-0602
20	Gold	2.77 (70.4)	2.57 (65.3)	—	—	3M5062-ND	24.32	194.56	220-2600-00-0602
24	Gold	3.15 (80.0)	2.97 (75.4)	—	—	3M5063-ND	25.20	201.57	224-5809-00-0602
32	Gold	3.97 (100.8)	3.81 (96.8)	—	—	3M5064-ND	26.96	215.71	232-2601-00-0602
36	Gold	4.35 (110.5)	4.17 (105.9)	—	—	3M5065-ND	27.79	222.32	236-6225-00-0602

Matrix Size	Description	Digi-Key Part No.	Pricing		3M Part No.
			1	10	
<b>PGA ZIP Sockets</b>					
10 x 10	Socket Kit without Contacts	3M5066-ND	24.06	192.45	200-6310-9UN-1900
11 x 11	Socket Kit without Contacts	3M5067-ND	24.12	192.98	200-6311-9UN-1900
13 x 13	Socket Kit without Contacts	3M5068-ND	26.44	211.48	200-6313-9UN-1900
15 x 15	Socket Kit without Contacts	3M5069-ND	43.83	350.66	200-6315-9UN-1900
17 x 17	Socket Kit without Contacts	3M5070-ND	37.41	299.25	200-6317-9UN-1900
19 x 19	Socket Kit without Contacts	3M5071-ND	47.15	377.23	200-6319-9UN-1900
21 x 21	Socket Kit without Contacts	3M5072-ND	58.75	470.02	200-6321-9UN-1900
25 x 25	Socket Kit without Contacts	3M5073-ND	75.49	603.91	200-6325-9UN-1900
—	Socket Contact - BeCu/Au Plated	3M5074-ND	.18	1.45	300-6300-CNA-0002B
—	Extra Hole Plugs - Set of 10	3M5075-ND	1.24	9.91	200-4660-14-1900

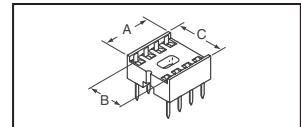
**DIP Sockets**

**Features:**

- Dual leaf, high compression contact provides reliable termination
- Side and end stackable

**Specifications:**

- Insulation Material: Polyester glass filled
- Flammability: UL 94V-0
- Color: Black
- Underplating: 35µ" min. Nickel overall
- Surface Plating: 135µ" min. Matte Tin overall
- Current Rating: 1 Amp
- Temperature Rating: -25°C - 85°C



No. of Contact	Dimensions — Inch (mm)			Digi-Key Part No.	Pricing			3M Part No.
	A	B	C		1	10	100	
<b>Straight Tail</b>								
8	.395 (10.03)	.300 (7.62)	.400 (10.16)	3M5461-ND	.17	1.50	12.14	4808-3000-CP
14	.695 (17.65)	.300 (7.62)	.400 (10.16)	3M5462-ND	.15	1.29	10.41	4814-3000-CP
16	.795 (20.19)	.300 (7.62)	.400 (10.16)	3M5463-ND	.15	1.29	10.41	4816-3000-CP
18	.895 (22.73)	.300 (7.62)	.400 (10.16)	3M5464-ND	.20	1.72	13.88	4818-3000-CP
20	.995 (25.27)	.300 (7.62)	.400 (10.16)	3M5465-ND	.20	1.72	13.88	4820-3000-CP
24	1.195 (30.35)	.300 (7.62)	.400 (10.16)	3M5466-ND	.22	1.93	15.61	4824-3000-CP
24	1.195 (30.35)	.600 (15.24)	.700 (17.78)	3M5467-ND	.22	1.93	15.61	4824-6000-CP
28	1.395 (35.43)	.600 (15.24)	.700 (17.78)	3M5469-ND	.22	1.93	15.61	4828-6000-CP
32	1.595 (40.51)	.600 (15.24)	.700 (17.78)	3M5470-ND	.27	2.36	19.08	4832-6000-CP
40	1.995 (50.67)	.600 (15.24)	.700 (17.78)	3M5471-ND	.35	3.01	24.29	4840-6000-CP
48	2.395 (60.83)	.600 (15.24)	.700 (17.78)	3M5472-ND	.45	3.87	31.23	4848-6000-CP

No. of Contact	Dimensions — Inch (mm)			Digi-Key Part No.	Pricing			3M Part No.
	A	B	C		1	10	100	
<b>Kinked Tail</b>								
8	.395 (10.03)	.300 (7.62)	.400 (10.16)	3M5473-ND	.15	1.29	10.41	4808-3004-CP
14	.695 (17.65)	.300 (7.62)	.400 (10.16)	3M5474-ND	.15	1.29	10.41	4814-3004-CP
16	.795 (20.19)	.300 (7.62)	.400 (10.16)	3M5475-ND	.17	1.50	12.14	4816-3004-CP
18	.895 (22.73)	.300 (7.62)	.400 (10.16)	3M5476-ND	.22	1.93	15.61	4818-3004-CP
20	.995 (25.27)	.300 (7.62)	.400 (10.16)	3M5477-ND	.22	1.93	15.61	4820-3004-CP
24	1.195 (30.35)	.300 (7.62)	.400 (10.16)	3M5478-ND	.27	2.36	19.08	4824-3004-CP
28	1.395 (35.43)	.300 (7.62)	.400 (10.16)	3M5480-ND	.27	2.36	19.08	4828-3004-CP
24	1.195 (30.35)	.600 (15.24)	.700 (17.78)	3M5479-ND	.27	2.36	19.08	4824-6004-CP
28	1.395 (35.43)	.600 (15.24)	.700 (17.78)	3M5481-ND	.37	3.22	26.02	4828-6004-CP
32	1.595 (40.51)	.600 (15.24)	.700 (17.78)	3M5482-ND	.35	3.01	24.29	4832-6004-CP
40	1.995 (50.67)	.600 (15.24)	.700 (17.78)	3M5483-ND	.45	3.87	31.23	4840-6004-CP
48	2.395 (60.83)	.600 (15.24)	.700 (17.78)	3M5484-ND	.52	4.51	36.43	4848-6004-CP

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