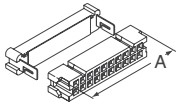


3M .100" x .100" (2.54mm x 2.54mm) Socket Connectors



Wire Accommodation: 26, 28, 30AWG solid or stranded.

Physical Specifications: • Insulation Material: Glass reinforced polyester • Flammability Rating: UL94V-0 • Color: Gray • Contact Material: Beryllium copper • Plating: 30µ" gold • Wire Accommodation: 26 and 28AWG solid or stranded, 30AWG solid • Marking: 3M logo, part identification number and orientation triangle



No. of Contacts	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
Polarizing Slots (Open End)				
10	.68 (17.27)	MSC10K-ND	2.00 16.80	3473-6000
14	.88 (22.35)	MSC14K-ND	2.41 20.30	3385-6000
16	.98 (24.89)	MSC16K-ND	2.64 22.23	3452-6000
20	1.18 (29.97)	MSC20K-ND	2.91 24.50	3421-6000
24	1.38 (35.05)	MSC24K-ND	3.49 29.40	3626-6000
26	1.48 (37.59)	MSC26K-ND	3.76 31.68	3399-6000
30	1.68 (42.67)	MSC30K-ND	4.33 36.40	3419-6000
34	1.88 (47.75)	MSC34K-ND	4.91 41.30	3414-6000
40	2.18 (55.37)	MSC40K-ND	5.76 48.48	3417-6000
50	2.68 (68.07)	MSC50K-ND	7.20 60.55	3425-6000
60	3.18 (80.77)	MSC60K-ND	8.92 75.08	3334-6000

No. of Contacts	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
Center-Bumped Polarizing (Open End)				
10	.68 (17.27)	MKC10K-ND	2.00 16.80	3473-6600
14	.88 (22.35)	MKC14K-ND	2.41 20.30	3385-6600
16	.98 (24.89)	MKC16K-ND	2.64 22.23	3452-6600
20	1.18 (29.97)	MKC20K-ND	2.91 24.50	3421-6600
24	1.38 (35.05)	MKC24K-ND	3.49 29.40	3626-6600
26	1.48 (37.59)	MKC26K-ND	3.76 31.68	3399-6600
30	1.68 (42.67)	MKC30K-ND	4.33 36.40	3419-6600
34	1.88 (47.75)	MKC34K-ND	4.91 41.30	3414-6600
40	2.18 (55.37)	MKC40K-ND	5.76 48.48	3417-6600
50	2.68 (68.07)	MKC50K-ND	7.20 60.55	3425-6600
60	3.18 (80.77)	MKC60K-ND	8.92 75.08	3334-6600

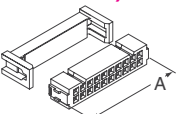
No. of Contacts	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
Center-Bumped Polarizing (Closed End)				
10	.68 (17.27)	MSD10K-ND	2.12 17.85	3473-7600
14	.88 (22.35)	MSD14K-ND	2.66 22.40	3385-7600
16	.98 (24.89)	MSD16K-ND	2.79 23.45	3452-7600
20	1.18 (29.97)	MSD20K-ND	3.06 25.73	3421-7600
24	1.38 (35.05)	MSD24K-ND	3.66 30.80	3626-7600
26	1.48 (37.59)	MSD26K-ND	3.97 33.43	3399-7600
30	1.68 (42.67)	MSD30K-ND	4.56 38.33	3419-7600
34	1.88 (47.75)	MSD34K-ND	5.12 43.05	3414-7600
40	2.18 (55.37)	MSD40K-ND	6.01 50.58	3417-7600
50	2.68 (68.07)	MSD50K-ND	7.49 63.00	3425-7600
60	3.18 (80.77)	MSD60K-ND	9.26 77.88	3334-7600

No. of Contacts	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
Cable Strain Relief/Stabilizer				
10	—	MSSR10-ND	25 2.10	3448-3010
14	—	MSSR14-ND	25 2.10	3448-3014
16	—	MSSR16-ND	25 2.10	3448-3016
20	—	MSSR20-ND	25 2.10	3448-3020
24	—	MSSR24-ND	33 2.80	3448-3024
26	—	MSSR26-ND	25 2.10	3448-3026
30	—	MSSR30-ND	46 3.85	3448-3030
34	—	MSSR34-ND	25 2.10	3448-3034
40	—	MSSR40-ND	25 2.10	3448-3040
50	—	MSSR50-ND	25 2.10	3448-3050
60	—	MSSR60-ND	27 2.28	3448-3060

3M 891 Series and D89 Series .100" x .100" (2.54mm x 2.54mm) Socket Connectors



These high-quality, standard-performance IDC sockets minimize applied assembly costs without sacrificing reliability. These interconnects also offer the quality and reliability you'd expect from 3M. They have been engineered with a "systems" approach that has a positive impact on your process and product costs. **Physical Specifications:** • Insulation Material: Glass reinforced polyester (PBT) • Flammability Rating: UL94V-0 • Marking: Molded Figures: 3M logo and orientation triangle • Pins: Phosphor bronze • Wire Accommodation: 26AWG solid or stranded, 30AWG stranded **891 Series** • Color: Gray • Contact Plating: Wipe Area: 30µ" gold • Underplate: 50µ" nickel, QQ-N-290, Class 2 **D89 Series** • Color: Black • Contact Plating: Wipe area: 10µ" gold • Underplate: 50µ" nickel **Electrical Specifications:** • Current Rating: 1A • Insulation Resistance: >1x10⁹Ω @ 500VDC • Withstanding Voltage: 1000VRMS @ sea level **Environmental Specifications:** • Temperature Rating: -55°C ~ 105°C • UL File No.: E68080



No. of Contacts	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
891 Series, without Center Bump - 30µ" Gold				
10	.68 (17.3)	MSC10A-ND	1.09 8.84	89110-0001
14	.88 (22.4)	MSC14A-ND	1.12 9.12	89114-0001
16	.98 (24.9)	MSC16A-ND	1.16 9.41	89116-0001
20	1.18 (30.0)	MSC20A-ND	1.26 10.26	89120-0001
24	1.38 (35.1)	MSC24A-ND	1.65 13.40	89124-0001
26	1.48 (37.6)	MSC26A-ND	1.44 11.69	89126-0001
30	1.68 (42.7)	MSC30A-ND	1.61 13.11	89130-0001
34	1.88 (47.8)	MSC34A-ND	1.61 13.11	89134-0001
40	2.18 (55.4)	MSC40A-ND	2.17 17.67	89140-0001
50	2.68 (68.1)	MSC50A-ND	2.35 19.10	89150-0001
60	3.18 (80.8)	MSC60A-ND	2.42 19.67	89160-0001

No. of Contacts	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
891 Series, with Center Bump - 30µ" Gold				
10	.68 (17.3)	MKC10A-ND	1.09 8.84	89110-0101
14	.88 (22.4)	MKC14A-ND	1.12 9.12	89114-0101
16	.98 (24.9)	MKC16A-ND	1.16 9.41	89116-0101
20	1.18 (30.0)	MKC20A-ND	1.26 10.26	89120-0101
24	1.38 (35.1)	MKC24A-ND	1.65 13.40	89124-0101
26	1.48 (37.6)	MKC26A-ND	1.44 11.69	89126-0101
30	1.68 (42.7)	MKC30A-ND	1.61 13.11	89130-0101
34	1.88 (47.8)	MKC34A-ND	1.61 13.11	89134-0101
40	2.18 (55.4)	MKC40A-ND	2.17 17.67	89140-0101
50	2.68 (68.1)	MKC50A-ND	2.35 19.10	89150-0101
60	3.18 (80.8)	MKC60A-ND	2.42 19.67	89160-0101

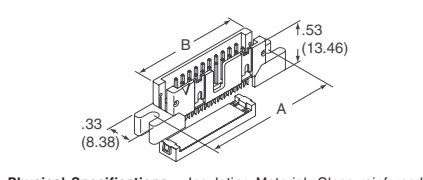
No. of Contacts	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
891 Series Strain Reliefs				
10	—	MKSR10-ND	32 2.57	3448-89110
14	—	MKSR14-ND	32 2.57	3448-89114
16	—	MKSR16-ND	32 2.57	3448-89116
20	—	MKSR20-ND	32 2.57	3448-89120
24	—	MKSR24-ND	49 3.99	3448-89124
26	—	MKSR26-ND	32 2.57	3448-89126
30	—	MKSR30-ND	49 3.99	3448-89130
34	—	MKSR34-ND	32 2.57	3448-89134
40	—	MKSR40-ND	32 2.57	3448-89140
50	—	MKSR50-ND	32 2.57	3448-89150
60	—	MKSR60-ND	46 3.71	3448-89160

No. of Contacts	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
NEW! D89 Series, without Center Bump - 10µ" Gold - RoHS Compliant NEW!				
10	.68 (17.3)	MSC10E-ND	40 3.33	D89110-0031HK
14	.88 (22.4)	MSC14E-ND	56 4.73	D89114-0031HK
16	.98 (24.9)	MSC16E-ND	54 4.55	D89116-0031HK
20	1.18 (30.0)	MSC20E-ND	56 4.73	D89120-0031HK
24	1.38 (35.1)	MSC24E-ND	58 4.90	D89124-0031HK
26	1.48 (37.6)	MSC26E-ND	58 4.90	D89126-0031HK
30	1.68 (42.7)	MSC30E-ND	64 5.43	D89130-0031HK
34	1.88 (47.8)	MSC34E-ND	73 6.13	D89134-0031HK
40	2.18 (55.4)	MSC40E-ND	85 7.18	D89140-0031HK
50	2.68 (68.1)	MSC50E-ND	1.06 8.93	D89150-0031HK

No. of Contacts	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
NEW! D89 Series, with Center Bump - 10µ" Gold - RoHS Compliant NEW!				
10	.68 (17.3)	MKC10E-ND	40 3.33	D89110-0131HK
14	.88 (22.4)	MKC14E-ND	56 4.73	D89114-0131HK
16	.98 (24.9)	MKC16E-ND	54 4.55	D89116-0131HK
20	1.18 (30.0)	MKC20E-ND	56 4.73	D89120-0131HK
24	1.38 (35.1)	MKC24E-ND	58 4.90	D89124-0131HK
26	1.48 (37.6)	MKC26E-ND	58 4.90	D89126-0131HK
30	1.68 (42.7)	MKC30E-ND	64 5.43	D89130-0131HK
34	1.88 (47.8)	MKC34E-ND	73 6.13	D89134-0131HK
40	2.18 (55.4)	MKC40E-ND	85 7.18	D89140-0131HK
50	2.68 (68.1)	MKC50E-ND	1.06 8.93	D89150-0131HK

No. of Contacts	Dim. A Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
NEW! D89 Series Strain Reliefs NEW!				
10	—	MESR10-ND	19 1.58	D3448-89110
14	—	MESR14-ND	19 1.58	D3448-89114
16	—	MESR16-ND	19 1.58	D3448-89116
20	—	MESR20-ND	19 1.58	D3448-89120
24	—	MESR24-ND	19 1.58	D3448-89124
26	—	MESR26-ND	19 1.58	D3448-89126
30	—	MESR30-ND	19 1.58	D3448-89130
34	—	MESR34-ND	19 1.58	D3448-89134
40	—	MESR40-ND	19 1.58	D3448-89140
50	—	MESR50-ND	19 1.58	D3448-89150

3M .100" x .100" (2.54mm x 2.54mm) Plug Connectors



Physical Specifications: • Insulation Material: Glass reinforced polyester (PBT) • Flammability Rating: UL94V-0 • Color: Gray • Contact Material: Flat Cable Connectors: Beryllium copper • Latch Eject Headers: Copper alloy • Plating: 30µ" gold • Wire Accommodation: 26 and 28AWG solid or stranded, 30AWG solid **Electrical Specifications:** • Current Rating: 1A • Insulation Resistance: >1x10⁹Ω @ 500VDC • Withstanding Voltage: 1000VRMS @ sea level **Environmental Specifications:** • Temperature Rating: -55°C ~ 105°C • UL File No.: E68080; CSA File No.: LR-A0971

No. of Cont.	Dimension - Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
With Slotted Mounting Flanges				
10	1.20 (30.48)	.90 (22.86)	MPL10K-ND	2.95 24.85 4610-6050
14	1.40 (35.56)	1.10 (27.94)	MPL14K-ND	4.10 34.48 4614-6000
16	1.50 (38.10)	1.20 (30.48)	MPL16K-ND	4.64 39.03 4616-6000
20	1.70 (43.18)	1.40 (35.56)	MPL20K-ND	5.41 45.50 4620-6000
24	1.90 (48.26)	1.60 (40.64)	MPL24K-ND	5.95 50.05 4624-6000
26	2.00 (50.80)	1.70 (43.18)	MPL26K-ND	6.16 51.80 4626-6000
30	2.20 (55.88)	1.90 (48.26)	MPL30K-ND	6.76 56.88 4630-6000
34	2.40 (60.96)	2.10 (53.34)	MPL34K-ND	7.63 64.23 4634-6000
36	2.50 (63.50)	2.20 (55.88)	MPL36K-ND	8.07 67.90 4636-6000
40	2.70 (68.58)	2.40 (60.96)	MPL40K-ND	8.47 71.23 4640-6000
50	3.20 (81.28)	2.90 (73.66)	MPL50K-ND	9.17 77.18 4650-6000
60	3.70 (93.98)	3.40 (86.36)	MPL60K-ND	10.82 91.00 4660-6000
64	3.90 (99.06)	3.60 (91.44)	MPL64K-ND	11.54 97.13 4664-6000
Without Mounting Flanges				
10	1.20 (30.48)	.90 (22.86)	MPK10K-ND	2.95 24.85 4610-6051
14	1.40 (35.56)	1.10 (27.94)	MPK14K-ND	4.10 34.48 4614-6001

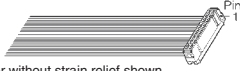
No. of Cont.	Dimension - Inch (mm)	Digi-Key Part No.	Pricing 1 10	3M Part No.
16	1.50 (38.10)	1.20 (30.48)	MPK16K-ND	5.41 39.03 4616-6001
20	1.70 (43.18)	1.40 (35.56)	MPK20K-ND	5.41 45.50 4620-6001
24	1.90 (48.26)	1.60 (40.64)	MPK24K-ND	5.95 50.05 4624-6001
26	2.00 (50.80)	1.70 (43.18)	MPK26K-ND	6.16 51.80 4626-6001
30	2.20 (55.88)	1.90 (48.26)	MPK30K-ND	6.76 56.88 4630-6001
34	2.40 (60.96)	2.10 (53.34)	MPK34K-ND	7.63 64.23 4634-6001
36	2.50 (63.50)	2.20 (55.88)	MPK36K-ND	8.07 67.90 4636-6001
40	2.70 (68.58			

3M .100" (2.54mm) Card Edge Connectors (Cont.)

No. of Cont.	Dimension - Inch (mm)		Digi-Key Part No.	Pricing		3M Part No.
	A	B		1	10	
20	—	—	MCSR20-ND	2.00	16.80	3448-54
26	—	—	MCSR26-ND	7.86	66.15	3448-55
34	—	—	MCSR34-ND	1.46	12.25	3448-56
40	—	—	MCSR40-ND	2.64	22.23	3448-57
50	—	—	MCSR50-ND	2.10	17.68	3448-58
60	—	—	MCSR60-ND	5.41	45.50	3448-31
64	—	—	MCSR64-ND	3.45	29.05	3448-59

Termination Jumpers

Single Ended Socket Connector



Socket connector without strain relief shown.
*MC = 3M Multi-Color, GR = 3M Gray

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
10	Au 30µ"	36 (91.44)	MC	M1AXK-1036R-ND	4.81	42.17
	Au 15µ"	36 (91.44)	MC	M1AXA-1036R-ND	2.70	23.65
	Au 30µ"	36 (91.44)	GR	M1AXK-1036J-ND	4.07	35.71
	Au 15µ"	36 (91.44)	GR	M1AXA-1036J-ND	1.96	17.19
14	Au 30µ"	36 (91.44)	MC	M1AXK-1436R-ND	6.14	53.80
	Au 15µ"	36 (91.44)	MC	M1AXA-1436R-ND	3.41	29.86
	Au 30µ"	36 (91.44)	GR	M1AXK-1436J-ND	4.97	43.62
	Au 15µ"	36 (91.44)	GR	M1AXA-1436J-ND	2.24	19.68
16	Au 30µ"	36 (91.44)	MC	M1AXK-1636R-ND	6.83	59.90
	Au 15µ"	36 (91.44)	MC	M1AXA-1636R-ND	3.78	33.11
	Au 30µ"	36 (91.44)	GR	M1AXK-1636J-ND	5.50	48.27
	Au 15µ"	36 (91.44)	GR	M1AXA-1636J-ND	2.45	21.48
20	Au 30µ"	36 (91.44)	MC	M1AXK-2036R-ND	7.93	69.53
	Au 15µ"	36 (91.44)	MC	M1AXA-2036R-ND	4.55	39.89
	Au 30µ"	36 (91.44)	GR	M1AXK-2036J-ND	6.27	54.99
	Au 15µ"	36 (91.44)	GR	M1AXA-2036J-ND	2.89	25.35
24	Au 30µ"	36 (91.44)	MC	M1AXK-2436R-ND	9.51	83.43
	Au 15µ"	36 (91.44)	MC	M1AXA-2436R-ND	5.35	46.95
	Au 30µ"	36 (91.44)	GR	M1AXK-2436J-ND	7.53	65.99
	Au 15µ"	36 (91.44)	GR	M1AXA-2436J-ND	3.37	29.51
26	Au 30µ"	36 (91.44)	MC	M1AXK-2636R-ND	10.27	90.10
	Au 15µ"	36 (91.44)	MC	M1AXA-2636R-ND	5.72	50.20
	Au 30µ"	36 (91.44)	GR	M1AXK-2636J-ND	8.12	71.20
	Au 15µ"	36 (91.44)	GR	M1AXA-2636J-ND	3.57	31.30
30	Au 30µ"	36 (91.44)	MC	M1AXK-3036R-ND	12.50	109.65
	Au 15µ"	36 (91.44)	MC	M1AXA-3036R-ND	7.21	63.19
	Au 30µ"	36 (91.44)	GR	M1AXK-3036J-ND	9.69	84.94
	Au 15µ"	36 (91.44)	GR	M1AXA-3036J-ND	4.39	38.48
34	Au 30µ"	36 (91.44)	MC	M1AXK-3436R-ND	13.41	117.63
	Au 15µ"	36 (91.44)	MC	M1AXA-3436R-ND	7.24	63.48
	Au 30µ"	36 (91.44)	GR	M1AXK-3436J-ND	10.60	92.92
	Au 15µ"	36 (91.44)	GR	M1AXA-3436J-ND	4.42	38.77
40	Au 30µ"	36 (91.44)	MC	M1AXK-4036R-ND	15.76	138.20
	Au 15µ"	36 (91.44)	MC	M1AXA-4036R-ND	8.77	76.92
	Au 30µ"	36 (91.44)	GR	M1AXK-4036J-ND	12.45	109.14
	Au 15µ"	36 (91.44)	GR	M1AXA-4036J-ND	5.46	47.86
50	Au 30µ"	36 (91.44)	MC	M1AXK-5036R-ND	19.69	172.68
	Au 15µ"	36 (91.44)	MC	M1AXA-5036R-ND	10.62	93.16
	Au 30µ"	36 (91.44)	GR	M1AXK-5036J-ND	15.55	136.34
	Au 15µ"	36 (91.44)	GR	M1AXA-5036J-ND	6.48	56.82
60	Au 30µ"	36 (91.44)	MC	M1AXK-6036R-ND	24.08	211.14
	Au 15µ"	36 (91.44)	MC	M1AXA-6036R-ND	12.38	108.54
	Au 30µ"	36 (91.44)	GR	M1AXK-6036J-ND	19.11	167.54
	Au 15µ"	36 (91.44)	GR	M1AXA-6036J-ND	7.41	64.94

Also available in the following configurations:
M1BX□□□36□-ND - Standard Open End with Strain Relief
M1CX□□□36□-ND - Standard Open End with Polarizing Key
M1DX□□□36□-ND - Std. Open End with Polarizing Key and Strain Relief
M1TX□□□36□-ND - Standard Closed End with Polarizing Key
M1UX□□□36□-ND - Std. Closed End with Polarizing Key and Strain Relief
Call for complete part number and pricing!

Single Ended Socket Connector

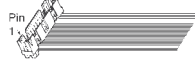
*Twisted Pair Cable Finished Length is Approximate.

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
10	Au 30µ"	40 (101.60)	TW	M1AXK-1040K-ND	5.72	50.18
	Au 15µ"	40 (101.60)	TW	M1AXA-1040K-ND	3.61	31.66
14	Au 30µ"	40 (101.60)	TW	M1AXK-1440K-ND	7.41	65.01
	Au 15µ"	40 (101.60)	TW	M1AXA-1440K-ND	4.68	41.07
16	Au 30µ"	40 (101.60)	TW	M1AXK-1640K-ND	8.29	72.71
	Au 15µ"	40 (101.60)	TW	M1AXA-1640K-ND	5.24	45.92
20	Au 30µ"	40 (101.60)	TW	M1AXK-2040K-ND	9.76	85.55
	Au 15µ"	40 (101.60)	TW	M1AXA-2040K-ND	6.38	55.91
26	Au 30µ"	40 (101.60)	TW	M1AXK-2640K-ND	12.65	110.93
	Au 15µ"	40 (101.60)	TW	M1AXA-2640K-ND	8.10	71.03

No. of Con-tacts	Conn. Finish	Length In (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
34	Au 30µ"	40 (101.60)	TW	M1AXK-3440K-ND	16.52	144.85
	Au 15µ"	40 (101.60)	TW	M1AXA-3440K-ND	10.34	90.70
40	Au 30µ"	40 (101.60)	TW	M1AXK-4040K-ND	19.41	170.24
	Au 15µ"	40 (101.60)	TW	M1AXA-4040K-ND	12.43	108.96
50	Au 30µ"	40 (101.60)	TW	M1AXK-5040K-ND	24.26	212.72
	Au 15µ"	40 (101.60)	TW	M1AXA-5040K-ND	15.19	133.21
60	Au 30µ"	40 (101.60)	TW	M1AXK-6040K-ND	29.56	259.20
	Au 15µ"	40 (101.60)	TW	M1AXA-6040K-ND	17.86	156.60

Also available in the following configurations:
M1BX□□□40K-ND - Standard Open End with Strain Relief
M1CX□□□40K-ND - Standard Open End with Polarizing Key
M1DX□□□40K-ND - Std. Open End with Polarizing Key and Strain Relief
M1TX□□□40K-ND - Standard Closed End with Polarizing Key
M1UX□□□40K-ND - Std. Closed End with Polarizing Key and Strain Relief
Call for complete part number and pricing!

Plug Connector Single Ended



*MC = 3M Multi-Color, GR = 3M Gray
Pin connector without flange, with polarizing key shown.

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
10	Au 30µ"	36 (91.44)	MC	M1KXX-1036R-ND	6.30	55.28
	Au 30µ"	36 (91.44)	GR	M1KXX-1036J-ND	5.57	48.82
14	Au 30µ"	36 (91.44)	MC	M1KXX-1436R-ND	8.77	76.88
	Au 30µ"	36 (91.44)	GR	M1KXX-1436J-ND	7.61	66.71
16	Au 30µ"	36 (91.44)	MC	M1KXX-1636R-ND	9.95	87.26
	Au 30µ"	36 (91.44)	GR	M1KXX-1636J-ND	8.62	75.63
20	Au 30µ"	36 (91.44)	MC	M1KXX-2036R-ND	11.83	103.73
	Au 30µ"	36 (91.44)	GR	M1KXX-2036J-ND	10.17	89.19
24	Au 30µ"	36 (91.44)	MC	M1KXX-2436R-ND	13.35	117.06
	Au 30µ"	36 (91.44)	GR	M1KXX-2436J-ND	11.36	99.62
26	Au 30µ"	36 (91.44)	MC	M1KXX-2636R-ND	14.01	122.87
	Au 30µ"	36 (91.44)	GR	M1KXX-2636J-ND	11.86	103.98
30	Au 30µ"	36 (91.44)	MC	M1KXX-3036R-ND	16.31	142.99
	Au 30µ"	36 (91.44)	GR	M1KXX-3036J-ND	13.49	118.28
34	Au 30µ"	36 (91.44)	MC	M1KXX-3436R-ND	17.67	154.96
	Au 30µ"	36 (91.44)	GR	M1KXX-3436J-ND	14.85	130.25
36	Au 30µ"	36 (91.44)	MC	M1KXX-3636R-ND	18.86	165.39
	Au 30µ"	36 (91.44)	GR	M1KXX-3636J-ND	15.79	138.50
40	Au 30µ"	36 (91.44)	MC	M1KXX-4036R-ND	19.98	175.25
	Au 30µ"	36 (91.44)	GR	M1KXX-4036J-ND	16.67	146.19
50	Au 30µ"	36 (91.44)	MC	M1KXX-5036R-ND	22.78	199.75
	Au 30µ"	36 (91.44)	GR	M1KXX-5036J-ND	18.63	163.41
60	Au 30µ"	36 (91.44)	MC	M1KXX-6036R-ND	27.04	237.08
	Au 30µ"	36 (91.44)	GR	M1KXX-6036J-ND	22.06	193.48
64	Au 30µ"	36 (91.44)	MC	M1KXX-6436R-ND	28.85	252.98
	Au 30µ"	36 (91.44)	GR	M1KXX-6436J-ND	23.54	206.47

Also available in the following configurations:
M1RX□□□36□-ND - Pin Connector without Flange, with Polarizing Key and Strain Relief
M1WX□□□36□-ND - Pin Connector with Flange, with Polarizing Key
M1YX□□□36□-ND - Pin Connector with Polarizing Key and Strain Relief
Call for complete part number and pricing!

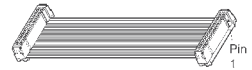
Plug Connector - Single Ended

*Twisted Pair Cable Finished Length is Approximate.

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
10	Au 30µ"	40 (101.60)	TW	M1KXX-1040K-ND	7.22	63.29
14	Au 30µ"	40 (101.60)	TW	M1KXX-1440K-ND	10.05	88.09
16	Au 30µ"	40 (101.60)	TW	M1KXX-1640K-ND	11.41	100.07
20	Au 30µ"	40 (101.60)	TW	M1KXX-2040K-ND	13.66	119.75
26	Au 30µ"	40 (101.60)	TW	M1KXX-2640K-ND	16.39	143.70
34	Au 30µ"	40 (101.60)	TW	M1KXX-3440K-ND	20.78	182.19
	Au 30µ"	40 (101.60)	TW	M1KXX-4040K-ND	23.64	207.29
50	Au 30µ"	40 (101.60)	TW	M1KXX-5040K-ND	27.35	239.80
60	Au 30µ"	40 (101.60)	TW	M1KXX-6040K-ND	32.52	285.14
64	Au 30µ"	40 (101.60)	TW	M1KXX-6440K-ND	34.69	304.24

Also available in the following configurations:
M1RX□□□40K-ND - Standard Open End without Flange, with Polarizing Key and Strain Relief
M1WX□□□40K-ND - Standard Open End with Flange, with Polarizing Key
M1YX□□□40K-ND - Standard Open End with Flange, with Polarizing Key and Strain Relief
Call for complete part number and pricing!

Socket to Socket Connector



*MC = 3M Multi-Color, GR = 3M Gray
Socket connector without strain relief shown.

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing	
					1	10
10	Au 30µ"	6 (15.24)	MC	M3AAK-1006R-ND	6.52	57.19
	Au 15µ"	6 (15.24)	MC	M3AAA-1006R-ND	2.30	20.14
	Au 30µ"	6 (15.24)	GR	M3AAK-1006J-ND	6.40	56.11
	Au 15µ"	6 (15.24)	GR	M3AAA-1006J-ND	2.17	19.06
10	Au 30µ"	18 (45.72)	MC	M3AAK-1018R-ND	7.08	62.13
	Au 15µ"	18 (45.72)	MC	M3AAA-1018R-ND	2.86	25.08
	Au 30µ"	18 (45.72)	GR	M3AAK-1018J-ND	6.72	58.90
	Au 15µ"	18 (45.72)	GR	M3AAA-1018J-ND	2.49	21.85
10	Au 30µ"	36 (91.44)	MC	M3AAK-1036R-ND	7.93	69.53
	Au 15µ"	36 (91.44)	MC	M3AAA-1036R-ND	3.70	32.48
	Au 30µ"	36 (91.44)	GR	M3AAK-1036J-ND	7.19	63.07
	Au 15µ"	36 (91.44)	GR	M3AAA-1036J-ND	2.97	26.02
14	Au 30µ"	6 (15.24)	MC	M3AAK-1406R-ND	7.93	69.58
	Au 15µ"	6 (15.24)	MC	M3AAA-1406R-ND	2.47	21.70
	Au 30µ"	6 (15.24)	GR	M3AAK-1406J-ND	7.74	67.88
	Au 15µ"	6 (15.24)	GR	M3AAA-1406J-ND	2.28	2

3M Termination Jumpers
Socket to Socket Connector (Cont.)



No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
34	Au 30µm	18 (45.72)	MC	M3AAK-3418R-ND	18.21 159.70
	Au 15µm	18 (45.72)	MC	M3AAA-3418R-ND	5.86 51.40
	Au 30µm	18 (45.72)	GR	M3AAK-3418J-ND	16.80 147.35
	Au 15µm	18 (45.72)	GR	M3AAA-3418J-ND	4.45 39.05
34	Au 30µm	36 (91.44)	MC	M3AAK-3436R-ND	21.08 184.89
	Au 15µm	36 (91.44)	MC	M3AAA-3436R-ND	8.73 76.59
	Au 30µm	36 (91.44)	GR	M3AAK-3436J-ND	18.27 160.18
	Au 15µm	36 (91.44)	GR	M3AAA-3436J-ND	5.92 51.88
40	Au 30µm	6 (15.24)	MC	M3AAK-4006R-ND	19.13 167.77
	Au 15µm	6 (15.24)	MC	M3AAA-4006R-ND	5.16 45.22
	Au 30µm	6 (15.24)	GR	M3AAK-4006J-ND	18.58 162.92
	Au 15µm	6 (15.24)	GR	M3AAA-4006J-ND	4.60 40.37
40	Au 30µm	18 (45.72)	MC	M3AAK-4018R-ND	21.38 187.52
	Au 15µm	18 (45.72)	MC	M3AAA-4018R-ND	7.41 64.97
	Au 30µm	18 (45.72)	GR	M3AAK-4018J-ND	19.73 172.99
	Au 15µm	18 (45.72)	GR	M3AAA-4018J-ND	5.75 50.44
40	Au 30µm	36 (91.44)	MC	M3AAK-4036R-ND	24.76 217.14
	Au 15µm	36 (91.44)	MC	M3AAA-4036R-ND	10.79 94.59
	Au 30µm	36 (91.44)	GR	M3AAK-4036J-ND	21.45 188.08
	Au 15µm	36 (91.44)	GR	M3AAA-4036J-ND	7.47 65.53
50	Au 30µm	6 (15.24)	MC	M3AAK-5006R-ND	23.90 209.56
	Au 15µm	6 (15.24)	MC	M3AAA-5006R-ND	5.76 50.53
	Au 30µm	6 (15.24)	GR	M3AAK-5006J-ND	23.21 203.51
	Au 15µm	6 (15.24)	GR	M3AAA-5006J-ND	5.07 44.48
50	Au 30µm	18 (45.72)	MC	M3AAK-5018R-ND	26.71 234.25
	Au 15µm	18 (45.72)	MC	M3AAA-5018R-ND	8.58 75.22
	Au 30µm	18 (45.72)	GR	M3AAK-5018J-ND	24.64 216.08
	Au 15µm	18 (45.72)	GR	M3AAA-5018J-ND	6.51 57.05
50	Au 30µm	36 (91.44)	MC	M3AAK-5036R-ND	30.94 271.29
	Au 15µm	36 (91.44)	MC	M3AAA-5036R-ND	12.80 112.26
	Au 30µm	36 (91.44)	GR	M3AAK-5036J-ND	26.79 234.95
	Au 15µm	36 (91.44)	GR	M3AAA-5036J-ND	8.66 75.92
60	Au 30µm	6 (15.24)	MC	M3AAK-6006R-ND	29.57 259.34
	Au 15µm	6 (15.24)	MC	M3AAA-6006R-ND	6.17 54.14
	Au 30µm	6 (15.24)	GR	M3AAK-6006J-ND	28.75 252.08
	Au 15µm	6 (15.24)	GR	M3AAA-6006J-ND	5.35 46.88
60	Au 30µm	18 (45.72)	MC	M3AAK-6018R-ND	32.95 288.97
	Au 15µm	18 (45.72)	MC	M3AAA-6018R-ND	9.55 83.77
	Au 30µm	18 (45.72)	GR	M3AAK-6018J-ND	30.47 267.17
	Au 15µm	18 (45.72)	GR	M3AAA-6018J-ND	7.07 61.97
60	Au 30µm	36 (91.44)	MC	M3AAK-6036R-ND	38.02 333.41
	Au 15µm	36 (91.44)	MC	M3AAA-6036R-ND	14.62 128.21
	Au 30µm	36 (91.44)	GR	M3AAK-6036J-ND	33.05 289.81
	Au 15µm	36 (91.44)	GR	M3AAA-6036J-ND	9.65 84.61

Also available in the following configurations:

- M3BB□-□□□□-ND - Standard Open End with Strain Relief
 - M3CC□-□□□□-ND - Standard Open End with Polarizing Key
 - M3DD□-□□□□-ND - Standard Open End with Polarizing Key and Strain Relief
 - M3TTK□-□□□□-ND - Standard Closed End with Polarizing Key
 - M3UUK□-□□□□-ND - Standard Closed End with Polarizing Key and Strain Relief
- Call for complete part number and pricing!

Socket to Socket Connector

*Twisted Pair Cable Finished Length is Approximate.

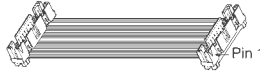
No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
10	Au 30µm	20 (50.80)	TW	M3AAK-1020K-ND	7.54 66.13
	Au 15µm	20 (50.80)	TW	M3AAA-1020K-ND	3.32 29.08
	Au 30µm	40 (101.60)	TW	M3AAK-1040K-ND	8.84 77.54
	Au 15µm	40 (101.60)	TW	M3AAA-1040K-ND	4.62 40.49
	Au 30µm	60 (152.40)	TW	M3AAK-1060K-ND	10.14 88.95
	Au 15µm	60 (152.40)	TW	M3AAA-1060K-ND	5.92 51.90
14	Au 30µm	20 (50.80)	TW	M3AAK-1420K-ND	9.36 82.09
	Au 15µm	20 (50.80)	TW	M3AAA-1420K-ND	3.90 34.21
	Au 30µm	40 (101.60)	TW	M3AAK-1440K-ND	11.18 98.07
	Au 15µm	40 (101.60)	TW	M3AAA-1440K-ND	5.72 50.19
	Au 30µm	60 (152.40)	TW	M3AAK-1460K-ND	13.01 114.04
	Au 15µm	60 (152.40)	TW	M3AAA-1460K-ND	7.55 66.16
16	Au 30µm	20 (50.80)	TW	M3AAK-1620K-ND	10.34 90.65
	Au 15µm	20 (50.80)	TW	M3AAA-1620K-ND	4.23 37.07
	Au 30µm	40 (101.60)	TW	M3AAK-1640K-ND	12.42 108.91
	Au 15µm	40 (101.60)	TW	M3AAA-1640K-ND	6.31 55.33
	Au 30µm	60 (152.40)	TW	M3AAK-1660K-ND	14.50 127.17
	Au 15µm	60 (152.40)	TW	M3AAA-1660K-ND	8.39 73.59
20	Au 30µm	20 (50.80)	TW	M3AAK-2020K-ND	11.70 102.62
	Au 15µm	20 (50.80)	TW	M3AAA-2020K-ND	4.94 43.34
	Au 30µm	40 (101.60)	TW	M3AAK-2040K-ND	14.31 125.45
	Au 15µm	40 (101.60)	TW	M3AAA-2040K-ND	7.55 66.17
	Au 30µm	60 (152.40)	TW	M3AAK-2060K-ND	16.91 148.27
	Au 15µm	60 (152.40)	TW	M3AAA-2060K-ND	10.15 88.99
26	Au 30µm	20 (50.80)	TW	M3AAK-2620K-ND	15.15 132.84
	Au 15µm	20 (50.80)	TW	M3AAA-2620K-ND	6.05 53.04
	Au 30µm	40 (101.60)	TW	M3AAK-2640K-ND	18.53 162.51
	Au 15µm	40 (101.60)	TW	M3AAA-2640K-ND	9.43 82.71
	Au 30µm	60 (152.40)	TW	M3AAK-2660K-ND	21.92 192.18
	Au 15µm	60 (152.40)	TW	M3AAA-2660K-ND	12.82 112.38
34	Au 30µm	20 (50.80)	TW	M3AAK-3420K-ND	19.76 173.32
	Au 15µm	20 (50.80)	TW	M3AAA-3420K-ND	7.41 65.02
	Au 30µm	40 (101.60)	TW	M3AAK-3440K-ND	24.19 212.11
	Au 15µm	40 (101.60)	TW	M3AAA-3440K-ND	11.84 103.81

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
34	Au 30µm	60 (152.40)	TW	M3AAK-3460K-ND	28.61 250.91
	Au 15µm	60 (152.40)	TW	M3AAA-3460K-ND	16.26 142.61
40	Au 30µm	20 (50.80)	TW	M3AAK-4020K-ND	23.21 203.54
	Au 15µm	20 (50.80)	TW	M3AAA-4020K-ND	9.24 80.99
	Au 30µm	40 (101.60)	TW	M3AAK-4040K-ND	28.42 249.18
	Au 15µm	40 (101.60)	TW	M3AAA-4040K-ND	14.44 126.63
	Au 30µm	60 (152.40)	TW	M3AAK-4060K-ND	33.62 294.83
	Au 15µm	60 (152.40)	TW	M3AAA-4060K-ND	19.65 172.28
50	Au 30µm	20 (50.80)	TW	M3AAK-5020K-ND	29.00 254.28
	Au 15µm	20 (50.80)	TW	M3AAA-5020K-ND	10.86 95.25
	Au 30µm	40 (101.60)	TW	M3AAK-5040K-ND	35.50 311.33
	Au 15µm	40 (101.60)	TW	M3AAA-5040K-ND	17.37 152.30
	Au 30µm	60 (152.40)	TW	M3AAK-5060K-ND	42.01 368.39
	Au 15µm	60 (152.40)	TW	M3AAA-5060K-ND	23.87 209.36
60	Au 30µm	20 (50.80)	TW	M3AAK-6020K-ND	35.69 313.00
	Au 15µm	20 (50.80)	TW	M3AAA-6020K-ND	12.29 107.80
	Au 30µm	40 (101.60)	TW	M3AAK-6040K-ND	43.50 381.47
	Au 15µm	40 (101.60)	TW	M3AAA-6040K-ND	20.10 176.27
	Au 30µm	60 (152.40)	TW	M3AAK-6060K-ND	51.31 449.94
	Au 15µm	60 (152.40)	TW	M3AAA-6060K-ND	27.91 244.74

Also available in the following configurations:

- M3BB□-□□□□-ND - Standard Open End with Strain Relief
 - M3CC□-□□□□-ND - Standard Open End with Polarizing Key
 - M3DD□-□□□□-ND - Standard Open End with Polarizing Key and Strain Relief
 - M3TTK□-□□□□-ND - Standard Closed End with Polarizing Key
 - M3UUK□-□□□□-ND - Std. Closed End with Polarizing Key and Strain Relief
- Call for complete part number and pricing!

Plug Connector to Plug Connector



*MC = 3M Multi-Color, GR = 3M Gray
Pin connector without flange, with polarizing key shown.
*Twisted Pair Cable Finished Length is Approximate.

No. of Con-tacts	Conn. Finish	Length Inch (cm)	Rib-bon* Cable	Digi-Key Part No.	Pricing 1 10
10	Au 30µm	6 (15.24)	MC	M3KKK-1006R-ND	9.51 83.41
	Au 30µm	6 (15.24)	GR	M3KKK-1006J-ND	9.39 82.33
	Au 30µm	18 (45.72)	MC	M3KKK-1018R-ND	10.07 88.35
	Au 30µm	18 (45.72)	GR	M3KKK-1018J-ND	9.71 85.12
	Au 30µm	36 (91.44)	MC	M3KKK-1036R-ND	10.92 95.75
	Au 30µm	36 (91.44)	GR	M3KKK-1036J-ND	10.18 89.29
14	Au 30µm	6 (15.24)	MC	M3KKK-1406R-ND	13.20 115.75
	Au 30µm	6 (15.24)	GR	M3KKK-1406J-ND	13.01 114.05
	Au 30µm	18 (45.72)	MC	M3KKK-1418R-ND	13.99 122.66
	Au 30µm	18 (45.72)	GR	M3KKK-1418J-ND	13.41 117.57
	Au 30µm	36 (91.44)	MC	M3KKK-1436R-ND	15.17 133.03
	Au 30µm	36 (91.44)	GR	M3KKK-1436J-ND	14.01 122.85
16	Au 30µm	6 (15.24)	MC	M3KKK-1606R-ND	14.95 131.06
	Au 30µm	6 (15.24)	GR	M3KKK-1606J-ND	14.72 129.12
	Au 30µm	18 (45.72)	MC	M3KKK-1618R-ND	15.85 138.96
	Au 30µm	18 (45.72)	GR	M3KKK-1618J-ND	15.18 133.15
	Au 30µm	36 (91.44)	MC	M3KKK-1636R-ND	17.20 150.81
	Au 30µm	36 (91.44)	GR	M3KKK-1636J-ND	15.87 139.18
20	Au 30µm	6 (15.24)	MC	M3KKK-2006R-ND	17.46 153.14
	Au 30µm	6 (15.24)	GR	M3KKK-2006J-ND	17.19 150.72
	Au 30µm	18 (45.72)	MC	M3KKK-2018R-ND	18.59 163.01
	Au 30µm	18 (45.72)	GR	M3KKK-2018J-ND	17.76 155.75
	Au 30µm	36 (91.44)	MC	M3KKK-2036R-ND	20.28 177.83
	Au 30µm	36 (91.44)	GR	M3KKK-2036J-ND	18.62 163.29
24	Au 30µm	6 (15.24)	MC	M3KKK-2406R-ND	19.27 168.95
	Au 30µm	6 (15.24)	GR	M3KKK-2406J-ND	18.93 166.04
	Au 30µm	18 (45.72)	MC	M3KKK-2418R-ND	20.62 180.80
	Au 30µm	18 (45.72)	GR	M3KKK-2418J-ND	19.62 172.08
	Au 30µm	36 (91.44)	MC	M3KKK-2436R-ND	22.64 198.57
	Au 30µm	36 (91.44)	GR	M3KKK-2436J-ND	20.66 181.13
26	Au 30µm	6 (15.24)	MC	M3KKK-2606R-ND	19.97 175.14
	Au 30µm	6 (15.24)	GR	M3KKK-2606J-ND	19.61 171.99
	Au 30µm	18 (45.72)	MC	M3KKK-2618R-ND	21.44 187.98
	Au 30µm	18 (45.72)	GR	M3KKK-2618J-ND	20.36 178.53
	Au 30µm	36 (91.44)	MC	M3KKK-2636R-ND	23.63 207.23
	Au 30µm	36 (91.44)	GR	M3KKK-2636J-ND	21.48 188.34
30	Au 30µm	6 (15.24)	MC	M3KKK-3006R-ND	22.08 193.64
	Au 30µm	6 (15.24)	GR	M3KKK-3006J-ND	21.61 189.53
	Au 30µm	18 (45.72)	MC	M3KKK-3018R-ND	24.00 210.43
	Au 30µm	18 (45.72)	GR	M3KKK-3018J-ND	22.59 198.08
	Au 30µm	36 (91.44)	MC	M3KKK-3036R-ND	26.87 235.62
	Au 30µm	36 (91.44)	GR	M3KKK-3036J-ND	24.05 210.91
34	Au 30µm	6 (15.24)	MC	M3KKK-3406R-ND	24.81 217.58
	Au 30µm	6 (15.24)	GR	M3KKK-3406J-ND	24.34 213.47
	Au 30µm	18 (45.72)	MC	M3KKK-3418R-ND	26.73 234.37
	Au 30µm	18 (45.72)	GR	M3KKK-3418J-ND	25.32 222.02
	Au 30µm	36 (91.44)	MC	M3KKK-3436R-ND	29.60 259.56
	Au 30µm	36 (9			