

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



No. of Con-tacts	Dimension – Inch (mm)		Digi-Key Part No.	Pricing		3M Part No.
	A	B		1	10	
20	—	—	MCSR20-ND	1.45	12.20	3448-54
26	—	—	MCSR26-ND	5.71	48.02	3448-55
34	—	—	MCSR34-ND	1.06	8.89	3448-56
40	—	—	MCSR40-ND	1.92	16.14	3448-57
50	—	—	MCSR50-ND	1.52	12.84	3448-58
60	—	—	MCSR60-ND	3.93	33.03	3448-31
64	—	—	MCSR64-ND	2.50	21.09	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	3.49	30.62
	Au 15µ"	36 (91.44)	MC	M1AXA-1036R-ND	1.96	17.17
	Au 30µ"	36 (91.44)	GR	M1AXK-1036J-ND	2.95	25.93
	Au 15µ"	36 (91.44)	GR	M1AXA-1036J-ND	1.42	12.48
14	Au 30µ"	36 (91.44)	MC	M1AXK-1436R-ND	4.46	39.06
	Au 15µ"	36 (91.44)	MC	M1AXA-1436R-ND	2.48	21.68
	Au 30µ"	36 (91.44)	GR	M1AXK-1436J-ND	3.61	31.67
	Au 15µ"	36 (91.44)	GR	M1AXA-1436J-ND	1.63	14.29
16	Au 30µ"	36 (91.44)	MC	M1AXK-1636R-ND	4.96	43.49
	Au 15µ"	36 (91.44)	MC	M1AXA-1636R-ND	2.74	24.04
	Au 30µ"	36 (91.44)	GR	M1AXK-1636J-ND	3.99	35.04
	Au 15µ"	36 (91.44)	GR	M1AXA-1636J-ND	1.78	15.59
20	Au 30µ"	36 (91.44)	MC	M1AXK-2036R-ND	5.76	50.48
	Au 15µ"	36 (91.44)	MC	M1AXA-2036R-ND	3.30	28.96
	Au 30µ"	36 (91.44)	GR	M1AXK-2036J-ND	4.55	39.92
	Au 15µ"	36 (91.44)	GR	M1AXA-2036J-ND	2.10	18.40
24	Au 30µ"	36 (91.44)	MC	M1AXK-2436R-ND	6.90	60.57
	Au 15µ"	36 (91.44)	MC	M1AXA-2436R-ND	4.20	36.78
	Au 30µ"	36 (91.44)	GR	M1AXK-2436J-ND	5.47	47.91
	Au 15µ"	36 (91.44)	GR	M1AXA-2436J-ND	2.75	24.12
26	Au 30µ"	36 (91.44)	MC	M1AXK-2636R-ND	7.46	65.41
	Au 15µ"	36 (91.44)	MC	M1AXA-2636R-ND	4.15	36.45
	Au 30µ"	36 (91.44)	GR	M1AXK-2636J-ND	5.90	51.69
	Au 15µ"	36 (91.44)	GR	M1AXA-2636J-ND	2.59	22.72
30	Au 30µ"	36 (91.44)	MC	M1AXK-3036R-ND	9.08	79.61
	Au 15µ"	36 (91.44)	MC	M1AXA-3036R-ND	5.33	46.70
	Au 30µ"	36 (91.44)	GR	M1AXK-3036J-ND	7.03	61.67
	Au 15µ"	36 (91.44)	GR	M1AXA-3036J-ND	3.28	28.76
34	Au 30µ"	36 (91.44)	MC	M1AXK-3436R-ND	9.74	85.40
	Au 15µ"	36 (91.44)	MC	M1AXA-3436R-ND	5.26	46.09
	Au 30µ"	36 (91.44)	GR	M1AXK-3436J-ND	7.70	67.46
	Au 15µ"	36 (91.44)	GR	M1AXA-3436J-ND	3.21	28.15
40	Au 30µ"	36 (91.44)	MC	M1AXK-4036R-ND	11.44	100.33
	Au 15µ"	36 (91.44)	MC	M1AXA-4036R-ND	6.37	55.84
	Au 30µ"	36 (91.44)	GR	M1AXK-4036J-ND	9.04	79.24
	Au 15µ"	36 (91.44)	GR	M1AXA-4036J-ND	3.96	34.75
50	Au 30µ"	36 (91.44)	MC	M1AXK-5036R-ND	14.29	125.37
	Au 15µ"	36 (91.44)	MC	M1AXA-5036R-ND	7.71	67.63
	Au 30µ"	36 (91.44)	GR	M1AXK-5036J-ND	11.29	98.98
	Au 15µ"	36 (91.44)	GR	M1AXA-5036J-ND	4.70	41.25
60	Au 30µ"	36 (91.44)	MC	M1AXK-6036R-ND	17.48	153.29
	Au 15µ"	36 (91.44)	MC	M1AXA-6036R-ND	8.99	78.80
	Au 30µ"	36 (91.44)	GR	M1AXK-6036J-ND	13.87	121.63
	Au 15µ"	36 (91.44)	GR	M1AXA-6036J-ND	5.38	47.15

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

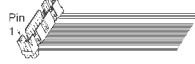
*Twisted Pair Cable Finished Length is Approximate.

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	4.15	36.43
	Au 15µ"	40 (101.60)	TW	M1AXA-1040K-ND	2.62	22.99
14	Au 30µ"	40 (101.60)	TW	M1AXK-1440K-ND	5.38	47.20
	Au 15µ"	40 (101.60)	TW	M1AXA-1440K-ND	3.40	29.82
16	Au 30µ"	40 (101.60)	TW	M1AXK-1640K-ND	6.02	52.79
	Au 15µ"	40 (101.60)	TW	M1AXA-1640K-ND	3.80	33.34
20	Au 30µ"	40 (101.60)	TW	M1AXK-2040K-ND	7.09	62.11
	Au 15µ"	40 (101.60)	TW	M1AXA-2040K-ND	4.63	40.59
26	Au 30µ"	40 (101.60)	TW	M1AXK-2640K-ND	9.18	80.54
	Au 15µ"	40 (101.60)	TW	M1AXA-2640K-ND	5.88	51.57

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	11.99	105.16
	Au 15µ"	40 (101.60)	TW	M1AXA-3440K-ND	7.51	65.85
40	Au 30µ"	40 (101.60)	TW	M1AXK-4040K-ND	14.09	123.59
	Au 15µ"	40 (101.60)	TW	M1AXA-4040K-ND	9.02	79.10
50	Au 30µ"	40 (101.60)	TW	M1AXK-5040K-ND	17.61	154.43
	Au 15µ"	40 (101.60)	TW	M1AXA-5040K-ND	11.03	96.71
60	Au 30µ"	40 (101.60)	TW	M1AXK-6040K-ND	21.46	188.18
	Au 15µ"	40 (101.60)	TW	M1AXA-6040K-ND	12.97	113.69

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	4.57	40.13
	Au 30µ"	36 (91.44)	GR	M1KXX-1036J-ND	4.04	35.44
14	Au 30µ"	36 (91.44)	MC	M1KXX-1436R-ND	6.37	55.81
	Au 30µ"	36 (91.44)	GR	M1KXX-1436J-ND	5.52	48.43
16	Au 30µ"	36 (91.44)	MC	M1KXX-1636R-ND	7.22	63.35
	Au 30µ"	36 (91.44)	GR	M1KXX-1636J-ND	6.26	54.91
20	Au 30µ"	36 (91.44)	MC	M1KXX-2036R-ND	8.59	75.31
	Au 30µ"	36 (91.44)	GR	M1KXX-2036J-ND	7.38	64.75
24	Au 30µ"	36 (91.44)	MC	M1KXX-2436R-ND	9.69	84.99
	Au 30µ"	36 (91.44)	GR	M1KXX-2436J-ND	8.25	72.32
26	Au 30µ"	36 (91.44)	MC	M1KXX-2636R-ND	10.17	89.20
	Au 30µ"	36 (91.44)	GR	M1KXX-2636J-ND	8.61	75.49
30	Au 30µ"	36 (91.44)	MC	M1KXX-3036R-ND	11.84	103.81
	Au 30µ"	36 (91.44)	GR	M1KXX-3036J-ND	9.79	85.87
34	Au 30µ"	36 (91.44)	MC	M1KXX-3436R-ND	12.83	112.50
	Au 30µ"	36 (91.44)	GR	M1KXX-3436J-ND	10.78	94.56
36	Au 30µ"	36 (91.44)	MC	M1KXX-3636R-ND	13.69	120.07
	Au 30µ"	36 (91.44)	GR	M1KXX-3636J-ND	11.46	100.55
40	Au 30µ"	36 (91.44)	MC	M1KXX-4036R-ND	14.51	127.23
	Au 30µ"	36 (91.44)	GR	M1KXX-4036J-ND	12.10	106.13
50	Au 30µ"	36 (91.44)	MC	M1KXX-5036R-ND	16.54	145.02
	Au 30µ"	36 (91.44)	GR	M1KXX-5036J-ND	13.53	118.64
60	Au 30µ"	36 (91.44)	MC	M1KXX-6036R-ND	19.63	172.12
	Au 30µ"	36 (91.44)	GR	M1KXX-6036J-ND	16.02	140.47
64	Au 30µ"	36 (91.44)	MC	M1KXX-6436R-ND	20.95	183.66
	Au 30µ"	36 (91.44)	GR	M1KXX-6436J-ND	17.09	149.90

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!

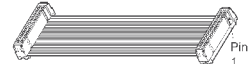
Plug Connector — Single Ended

*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	5.24	45.95
	Au 30µ"	40 (101.60)	TW	M1KXX-1440K-ND	7.30	63.95
16	Au 30µ"	40 (101.60)	TW	M1KXX-1640K-ND	8.28	72.65
	Au 30µ"	40 (101.60)	TW	M1KXX-2040K-ND	9.92	86.94
26	Au 30µ"	40 (101.60)	TW	M1KXX-2640K-ND	11.90	104.33
	Au 30µ"	40 (101.60)	TW	M1KXX-3440K-ND	15.09	132.27
40	Au 30µ"	40 (101.60)	TW	M1KXX-4040K-ND	17.16	150.49
	Au 30µ"	40 (101.60)	TW	M1KXX-5040K-ND	19.86	174.09
60	Au 30µ"	40 (101.60)	TW	M1KXX-6040K-ND	23.61	207.01
	Au 30µ"	40 (101.60)	TW	M1KXX-6440K-ND	25.18	220.88

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	4.73	41.52
	Au 15µ"	6 (15.24)	MC	M3AAA-1006R-ND	1.67	14.62
	Au 30µ"	6 (15.24)	GR	M3AAK-1006J-ND	4.65	40.74
	Au 15µ"	6 (15.24)	GR	M3AAA-1006J-ND	1.58	13.84
10	Au 30µ"	18 (45.72)	MC	M3AAK-1018R-ND	5.14	45.11
	Au 15µ"	18 (45.72)	MC	M3AAA-1018R-ND	2.08	18.21
	Au 30µ"	18 (45.72)	GR	M3AAK-1018J-ND	4.88	42.76
	Au 15µ"	18 (45.72)	GR	M3AAA-1018J-ND	1.81	15.86
10	Au 30µ"	36 (91.44)	MC	M3AAK-1036R-ND	5.76	50.48
	Au 15µ"	36 (91.44)	MC	M3AAA-1036R-ND	2.69	23.58
	Au 30µ"	36 (91.44)	GR	M3AAK-1036J-ND	5.22	45.79
	Au 15µ"	36 (91.44)	GR	M3AAA-1036J-ND	2.16	18.89
14	Au 30µ"	6 (15.24)	MC	M3AAK-1406R-ND	5.76	50.52
	Au 15µ"	6 (15.24)	MC	M3AAA-1406R-ND	1.79	15.75
	Au 30µ"	6 (15.24)	GR	M3AAK-1406J-ND		