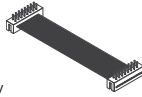


# 3M PCB Cable Assemblies (Cont.)



## Double Ended — Style 6

Connector Finish: Tin



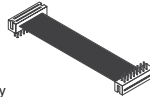
\*MC = 3M Multi-Color, GR = 3M Gray

No. of Cont.	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	1	Pricing 10	100
10	6 (15.24)	MC	M6MMH-1006R-ND	4.88	42.76	315.08
	6 (15.24)	GR	M6MMH-1006J-ND	4.78	41.98	309.31
	18 (45.72)	MC	M6MMH-1018R-ND	5.29	46.35	341.50
	18 (45.72)	GR	M6MMH-1018J-ND	5.02	44.00	324.21
	36 (91.44)	MC	M6MMH-1036R-ND	5.90	51.72	381.12
	36 (91.44)	GR	M6MMH-1036J-ND	5.37	47.03	346.54
14	6 (15.24)	MC	M6MMH-1406R-ND	5.52	48.45	356.95
	6 (15.24)	GR	M6MMH-1406J-ND	5.39	47.21	347.88
	18 (45.72)	MC	M6MMH-1418R-ND	6.10	53.46	393.93
	18 (45.72)	GR	M6MMH-1418J-ND	5.68	49.77	366.72
	36 (91.44)	MC	M6MMH-1436R-ND	6.96	60.99	449.41
	36 (91.44)	GR	M6MMH-1436J-ND	6.11	53.60	394.98
16	6 (15.24)	MC	M6MMH-1606R-ND	5.66	49.63	365.69
	6 (15.24)	GR	M6MMH-1606J-ND	5.50	48.22	355.33
	18 (45.72)	MC	M6MMH-1618R-ND	6.32	55.36	407.95
	18 (45.72)	GR	M6MMH-1618J-ND	5.83	51.15	376.85
	36 (91.44)	MC	M6MMH-1636R-ND	7.30	63.97	471.35
	36 (91.44)	GR	M6MMH-1636J-ND	6.33	55.52	409.14
20	6 (15.24)	MC	M6MMH-2006R-ND	5.69	49.93	367.92
	6 (15.24)	GR	M6MMH-2006J-ND	5.50	48.18	354.97
	18 (45.72)	MC	M6MMH-2018R-ND	6.51	57.10	420.75
	18 (45.72)	GR	M6MMH-2018J-ND	5.91	51.83	381.88
	36 (91.44)	MC	M6MMH-2036R-ND	7.74	67.86	500.00
	36 (91.44)	GR	M6MMH-2036J-ND	6.53	57.30	422.26
26	6 (15.24)	MC	M6MMH-2606R-ND	7.09	62.18	458.18
	6 (15.24)	GR	M6MMH-2606J-ND	6.83	59.90	441.33
	18 (45.72)	MC	M6MMH-2618R-ND	8.15	71.50	526.86
	18 (45.72)	GR	M6MMH-2618J-ND	7.37	64.64	476.31
	36 (91.44)	MC	M6MMH-2636R-ND	9.75	85.48	629.87
	36 (91.44)	GR	M6MMH-2636J-ND	8.18	71.77	528.79
34	6 (15.24)	MC	M6MMH-3406R-ND	7.72	67.75	499.23
	6 (15.24)	GR	M6MMH-3406J-ND	7.38	64.77	477.21
	18 (45.72)	MC	M6MMH-3418R-ND	9.12	79.94	589.05
	18 (45.72)	GR	M6MMH-3418J-ND	8.09	70.97	522.96

No. of Cont.	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	1	Pricing 10	100
34	36 (91.44)	MC	M6MMH-3436R-ND	11.20	98.23	723.76
	36 (91.44)	GR	M6MMH-3436J-ND	9.15	80.29	591.59
40	6 (15.24)	MC	M6MMH-4006R-ND	9.17	80.42	592.54
	6 (15.24)	GR	M6MMH-4006J-ND	8.77	76.90	566.63
	18 (45.72)	MC	M6MMH-4018R-ND	10.80	94.76	698.19
	18 (45.72)	GR	M6MMH-4018J-ND	9.60	84.21	620.46
	36 (91.44)	MC	M6MMH-4036R-ND	13.26	116.26	856.67
	36 (91.44)	GR	M6MMH-4036J-ND	10.85	95.16	701.21
50	6 (15.24)	MC	M6MMH-5006R-ND	10.84	95.03	700.27
	6 (15.24)	GR	M6MMH-5006J-ND	10.34	90.64	667.87
	18 (45.72)	MC	M6MMH-5018R-ND	12.88	112.96	832.34
	18 (45.72)	GR	M6MMH-5018J-ND	11.38	99.77	735.15
	36 (91.44)	MC	M6MMH-5036R-ND	15.95	139.85	1030.45
	36 (91.44)	GR	M6MMH-5036J-ND	12.94	113.47	836.06
60	6 (15.24)	MC	M6MMH-6006R-ND	11.99	105.10	774.46
	6 (15.24)	GR	M6MMH-6006J-ND	11.38	99.83	735.58
	18 (45.72)	MC	M6MMH-6018R-ND	14.44	126.61	932.94
	18 (45.72)	GR	M6MMH-6018J-ND	12.63	110.79	816.32
	36 (91.44)	MC	M6MMH-6036R-ND	18.12	158.88	1170.67
	36 (91.44)	GR	M6MMH-6036J-ND	14.51	127.22	937.43

## Double Ended — Style 8

Connector Finish: Tin



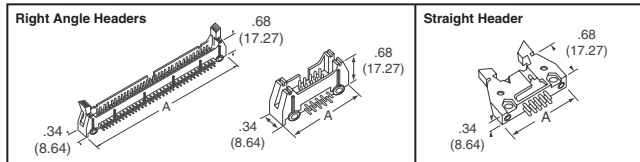
\*MC = 3M Multi-Color, GR = 3M Gray

No. of Cont.	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	1	Pricing 10	100
10	6 (15.24)	MC	M8MMH-1006R-ND	4.88	42.76	315.08
	6 (15.24)	GR	M8MMH-1006J-ND	4.78	41.98	309.31
	18 (45.72)	MC	M8MMH-1018R-ND	5.29	46.35	341.50
	18 (45.72)	GR	M8MMH-1018J-ND	5.02	44.00	324.21
	36 (91.44)	MC	M8MMH-1036R-ND	5.90	51.72	381.12
	36 (91.44)	GR	M8MMH-1036J-ND	5.37	47.03	346.54
14	6 (15.24)	MC	M8MMH-1406R-ND	5.52	48.45	356.95
	6 (15.24)	GR	M8MMH-1406J-ND	5.39	47.21	347.88
	18 (45.72)	MC	M8MMH-1418R-ND	6.10	53.46	393.93
	18 (45.72)	GR	M8MMH-1418J-ND	5.68	49.77	366.72
	36 (91.44)	MC	M8MMH-1436R-ND	6.96	60.99	449.41
	36 (91.44)	GR	M8MMH-1436J-ND	6.11	53.60	394.98

No. of Cont.	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	1	Pricing 10	100
16	6 (15.24)	MC	M8MMH-1606R-ND	5.66	49.63	365.69
	6 (15.24)	GR	M8MMH-1606J-ND	5.50	48.22	355.33
	18 (45.72)	MC	M8MMH-1618R-ND	6.32	55.36	407.95
	18 (45.72)	GR	M8MMH-1618J-ND	5.83	51.15	376.85
	36 (91.44)	MC	M8MMH-1636R-ND	7.30	63.97	471.35
	36 (91.44)	GR	M8MMH-1636J-ND	6.33	55.52	409.14
20	6 (15.24)	MC	M8MMH-2006R-ND	5.69	49.93	367.92
	6 (15.24)	GR	M8MMH-2006J-ND	5.50	48.18	354.97
	18 (45.72)	MC	M8MMH-2018R-ND	6.51	57.10	420.75
	18 (45.72)	GR	M8MMH-2018J-ND	5.91	51.83	381.88
	36 (91.44)	MC	M8MMH-2036R-ND	7.74	67.86	500.00
	36 (91.44)	GR	M8MMH-2036J-ND	6.53	57.30	422.26
26	6 (15.24)	MC	M8MMH-2606R-ND	7.09	62.18	458.18
	6 (15.24)	GR	M8MMH-2606J-ND	6.83	59.90	441.33
	18 (45.72)	MC	M8MMH-2618R-ND	8.15	71.50	526.86
	18 (45.72)	GR	M8MMH-2618J-ND	7.37	64.64	476.31
	36 (91.44)	MC	M8MMH-2636R-ND	9.75	85.48	629.87
	36 (91.44)	GR	M8MMH-2636J-ND	8.18	71.77	528.79
34	6 (15.24)	MC	M8MMH-3406R-ND	7.72	67.75	499.23
	6 (15.24)	GR	M8MMH-3406J-ND	7.38	64.77	477.21
	18 (45.72)	MC	M8MMH-3418R-ND	9.12	79.94	589.05
	18 (45.72)	GR	M8MMH-3418J-ND	8.09	70.97	522.96

# 3M Latch/Eject Headers .100" x .100" (2.54mm x 2.54mm)

**Features:** • Optional ejector latches (sold separately) • High temperature insulator option for "no lead" soldering operations **Electrical Specifications:** • Current Rating: 2A • Insulation Resistance: >1 x 10<sup>10</sup>Ω at 500VDC • Withstanding Voltage: 1000Vrms at Sea Level **Environmental Specifications:** • Temperature Rating: -55°C - 105°C • Process Rating: 260°C High Temp. PCT insulator version: single pass (profile per J-STD-020C) • PBT insulator version: Maximum insulator temperature 191°C (Solder wave process only) **Non-compliant Physical Specifications:** • Insulator Material: Glass-filled polyester (PBT) • Underplating: nickel • Solder Tails: 200µ" Tin-lead over nickel **RoHS Compliant Physical Specifications:** • Insulator Material: High Temperature glass filled polyester (PCT) • Solder Tails: 40 - 120µ" Matte tin



No. of Contacts	Dimension A Inches (mm)	Digi-Key Part No.	1	Pricing 100	500	3M Part No.
<b>Right Angle, Black PCT - 10µ" Gold - RoHS Compliant</b>						
10	1.26 (32.1)	MHR10E-ND	.56	42.44	192.06	D3793-6002-AR
14	1.46 (37.2)	MHR14E-ND	.78	59.65	269.93	D3314-6002-AR
16	1.56 (39.7)	MHR16E-ND	.91	68.82	311.45	D3408-6002-AR
20	1.76 (44.8)	MHR20E-ND	1.13	86.03	389.32	D3428-6002-AR
24	1.96 (49.8)	MHR24E-ND	1.36	103.24	467.18	D3627-6002-AR
26	2.06 (52.4)	MHR26E-ND	1.50	113.56	513.90	D3429-6002-AR
30	2.26 (57.4)	MHR30E-ND	1.51	114.71	519.09	D3440-6002-AR
34	2.46 (62.6)	MHR34E-ND	1.54	117.00	529.47	D3431-6002-AR
40	2.76 (70.2)	MHR40E-ND	1.83	138.80	628.10	D3432-6002-AR
50	3.26 (82.9)	MHR50E-ND	2.28	173.21	783.83	D3433-6002-AR
<b>Right Angle, Gray PBT - 30µ" Gold</b>						
10	1.26 (32.00)	MHR10K-ND	1.02	78.00	352.98	3793-5002
14	1.46 (37.08)	MHR14K-ND	1.42	107.83	487.94	3314-5002
16	1.56 (39.62)	MHR16K-ND	1.63	123.88	560.62	3408-5002
20	1.76 (44.70)	MHR20K-ND	2.01	152.56	690.39	3428-5002
24	1.96 (49.78)	MHR24K-ND	2.42	183.53	830.54	3627-5002
26	2.06 (52.32)	MHR26K-ND	2.61	198.44	898.03	3429-5002
30	2.26 (57.10)	MHR30K-ND	3.22	244.33	1105.66	3432-5002
50	3.26 (82.80)	MHR50K-ND	4.01	305.12	1380.78	3433-5002
<b>Right Angle, Black PCT - 30µ" Gold - RoHS Compliant</b>						
10	1.26 (32.00)	MHR10L-ND	.84	64.24	290.69	N3793-5002RB
14	1.46 (37.08)	MHR14L-ND	1.16	88.33	399.70	N3314-5002RB
16	1.56 (39.62)	MHR16L-ND	1.34	102.09	461.99	N3408-5002RB
20	1.76 (44.70)	MHR20L-ND	1.65	125.03	565.81	N3428-5002RB
24	1.96 (49.78)	MHR24L-ND	1.97	150.27	680.01	N3627-5002RB

No. of Contacts	Dimension A Inches (mm)	Digi-Key Part No.	1	Pricing 100	500	3M Part No.
26	2.06 (52.32)	MHR26L-ND	2.13	161.74	731.92	N3429-5002RB
30	2.26 (57.40)	MHR30L-ND	1.97	150.27	680.01	N3440-5002RB
34	2.46 (62.48)	MHR34L-ND	2.22	168.62	763.06	N3431-5002RB
40	2.76 (70.10)	MHR40L-ND	2.63	199.59	903.22	N3432-5002RB
50	3.26 (82.80)	MHR50L-ND	3.27	248.92	1126.43	N3433-5002RB
60	3.76 (95.50)	MHR60L-ND	3.94	299.39	1354.82	N3372-5002RB

<b>Straight, Black PCT - 10µ" Gold - RoHS Compliant</b>						
10	1.26 (32.1)	MHS10E-ND	.56	42.44	192.06	D3793-6002-AR
14	1.46 (37.2)	MHS14E-ND	.78	59.65	269.93	D3314-6002-AR
16	1.56 (39.7)	MHS16E-ND	.91	68.82	311.45	D3408-6002-AR
20	1.76 (44.8)	MHS20E-ND	1.13	86.03	389.32	D3428-6002-AR
24	1.96 (49.8)	MHS24E-ND	1.36	103.24	467.18	D3627-6002-AR
26	2.06 (52.4)	MHS26E-ND	1.50	113.56	513.90	D3429-6002-AR
30	2.26 (57.4)	MHS30E-ND	1.51	114.71	519.09	D3440-6002-AR
34	2.46 (62.6)	MHS34E-ND	1.54	117.00	529	