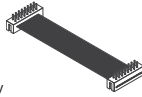


**3M PCB Cable Assemblies (Cont.)**



**Double Ended — Style 6**

Connector Finish: Tin



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

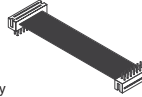
No. of Cont.	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	Pricing		
				1	10	100
10	6 (15.24)	MC	M6MMH-1006R-ND	6.39	56.05	412.99
	6 (15.24)	GR	M6MMH-1006J-ND	6.27	54.97	405.05
	18 (45.72)	MC	M6MMH-1018R-ND	6.95	60.99	449.38
	18 (45.72)	GR	M6MMH-1018J-ND	6.59	57.76	425.57
	36 (91.44)	MC	M6MMH-1036R-ND	7.80	68.39	503.96
36 (91.44)	GR	M6MMH-1036J-ND	7.06	61.93	456.33	
14	6 (15.24)	MC	M6MMH-1406R-ND	7.28	63.88	470.67
	6 (15.24)	GR	M6MMH-1406J-ND	7.09	62.18	458.17
	18 (45.72)	MC	M6MMH-1418R-ND	8.07	70.79	521.61
	18 (45.72)	GR	M6MMH-1418J-ND	7.49	65.70	484.12
	36 (91.44)	MC	M6MMH-1436R-ND	9.26	81.16	598.02
36 (91.44)	GR	M6MMH-1436J-ND	8.09	70.98	523.05	
16	6 (15.24)	MC	M6MMH-1606R-ND	7.47	65.51	482.71
	6 (15.24)	GR	M6MMH-1606J-ND	7.25	63.57	468.43
	18 (45.72)	MC	M6MMH-1618R-ND	8.37	73.41	540.92
	18 (45.72)	GR	M6MMH-1618J-ND	7.71	67.60	498.08
	36 (91.44)	MC	M6MMH-1636R-ND	9.72	85.26	628.24
36 (91.44)	GR	M6MMH-1636J-ND	8.40	73.63	542.56	
20	6 (15.24)	MC	M6MMH-2006R-ND	7.19	63.08	464.78
	6 (15.24)	GR	M6MMH-2006J-ND	6.92	60.66	446.94
	18 (45.72)	MC	M6MMH-2018R-ND	8.32	72.95	537.55
	18 (45.72)	GR	M6MMH-2018J-ND	7.49	65.69	484.01
	36 (91.44)	MC	M6MMH-2036R-ND	10.01	87.77	646.70
36 (91.44)	GR	M6MMH-2036J-ND	8.35	73.23	539.62	
26	6 (15.24)	MC	M6MMH-2606R-ND	9.31	81.66	601.70
	6 (15.24)	GR	M6MMH-2606J-ND	8.95	78.51	578.49
	18 (45.72)	MC	M6MMH-2618R-ND	10.78	94.50	696.30
	18 (45.72)	GR	M6MMH-2618J-ND	9.70	85.05	626.68
	36 (91.44)	MC	M6MMH-2636R-ND	12.97	113.75	838.19
36 (91.44)	GR	M6MMH-2636J-ND	10.32	94.86	698.96	
34	6 (15.24)	MC	M6MMH-3406R-ND	9.73	85.34	628.85
	6 (15.24)	GR	M6MMH-3406J-ND	9.26	81.23	598.51
	18 (45.72)	MC	M6MMH-3418R-ND	11.65	102.13	752.56
	18 (45.72)	GR	M6MMH-3418J-ND	10.24	89.78	661.53

No. of Cont.	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	Pricing		
				1	10	100
34	36 (91.44)	MC	M6MMH-3436R-ND	14.52	127.32	938.11
	36 (91.44)	GR	M6MMH-3436J-ND	11.70	102.61	756.06
40	6 (15.24)	MC	M6MMH-4006R-ND	12.11	106.21	782.57
	6 (15.24)	GR	M6MMH-4006J-ND	11.56	101.36	746.88
	18 (45.72)	MC	M6MMH-4018R-ND	14.36	125.96	928.10
	18 (45.72)	GR	M6MMH-4018J-ND	12.71	111.43	821.03
	36 (91.44)	MC	M6MMH-4036R-ND	17.74	155.58	1146.39
36 (91.44)	GR	M6MMH-4036J-ND	14.43	126.52	932.25	
50	6 (15.24)	MC	M6MMH-5006R-ND	14.28	125.20	922.56
	6 (15.24)	GR	M6MMH-5006J-ND	13.59	119.15	877.93
	18 (45.72)	MC	M6MMH-5018R-ND	17.09	149.89	1104.47
	18 (45.72)	GR	M6MMH-5018J-ND	15.02	131.72	970.60
	36 (91.44)	MC	M6MMH-5036R-ND	21.32	186.93	1377.35
36 (91.44)	GR	M6MMH-5036J-ND	17.17	150.59	1109.60	
60	6 (15.24)	MC	M6MMH-6006R-ND	15.79	138.50	1020.55
	6 (15.24)	GR	M6MMH-6006J-ND	14.97	131.24	967.00
	18 (45.72)	MC	M6MMH-6018R-ND	19.17	168.13	1238.84
	18 (45.72)	GR	M6MMH-6018J-ND	16.69	146.33	1078.21
	36 (91.44)	MC	M6MMH-6036R-ND	24.24	212.57	1566.29
36 (91.44)	GR	M6MMH-6036J-ND	19.27	168.97	1245.03	

No. of Cont.	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	Pricing		
				1	10	100
16	6 (15.24)	MC	M8MMH-1606R-ND	7.47	65.51	482.71
	6 (15.24)	GR	M8MMH-1606J-ND	7.25	63.57	468.43
	18 (45.72)	MC	M8MMH-1618R-ND	8.37	73.41	540.92
	18 (45.72)	GR	M8MMH-1618J-ND	7.71	67.60	498.08
	36 (91.44)	MC	M8MMH-1636R-ND	9.72	85.26	628.24
36 (91.44)	GR	M8MMH-1636J-ND	8.40	73.63	542.56	
20	6 (15.24)	MC	M8MMH-2006R-ND	7.19	63.08	464.78
	6 (15.24)	GR	M8MMH-2006J-ND	6.92	60.66	446.94
	18 (45.72)	MC	M8MMH-2018R-ND	8.32	72.95	537.55
	18 (45.72)	GR	M8MMH-2018J-ND	7.49	65.69	484.01
	36 (91.44)	MC	M8MMH-2036R-ND	10.01	87.77	646.70
36 (91.44)	GR	M8MMH-2036J-ND	8.35	73.23	539.62	
26	6 (15.24)	MC	M8MMH-2606R-ND	9.31	81.66	601.70
	6 (15.24)	GR	M8MMH-2606J-ND	8.95	78.51	578.49
	18 (45.72)	MC	M8MMH-2618R-ND	10.78	94.50	696.30
	18 (45.72)	GR	M8MMH-2618J-ND	9.70	85.05	626.68
	36 (91.44)	MC	M8MMH-2636R-ND	12.97	113.75	838.19
36 (91.44)	GR	M8MMH-2636J-ND	10.32	94.86	698.96	
34	6 (15.24)	MC	M8MMH-3406R-ND	9.73	85.34	628.85
	6 (15.24)	GR	M8MMH-3406J-ND	9.26	81.23	598.51
	18 (45.72)	MC	M8MMH-3418R-ND	11.65	102.13	752.56
	18 (45.72)	GR	M8MMH-3418J-ND	10.24	89.78	661.53

**Double Ended — Style 8**

Connector Finish: Tin

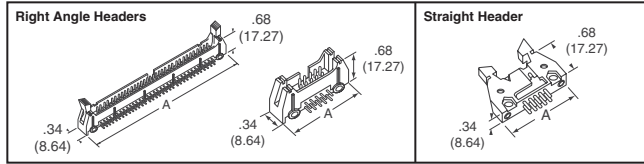


\*MC = 3M Multi-Color, GR = 3M Gray

No. of Cont.	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	Pricing		
				1	10	100
10	6 (15.24)	MC	M8MMH-1006R-ND	6.39	56.05	412.99
	6 (15.24)	GR	M8MMH-1006J-ND	6.27	54.97	405.05
	18 (45.72)	MC	M8MMH-1018R-ND	6.95	60.99	449.38
	18 (45.72)	GR	M8MMH-1018J-ND	6.59	57.76	425.57
	36 (91.44)	MC	M8MMH-1036R-ND	7.80	68.39	503.96
36 (91.44)	GR	M8MMH-1036J-ND	7.06	61.93	456.33	
14	6 (15.24)	MC	M8MMH-1406R-ND	7.28	63.88	470.67
	6 (15.24)	GR	M8MMH-1406J-ND	7.09	62.18	458.17
	18 (45.72)	MC	M8MMH-1418R-ND	8.07	70.79	521.61
	18 (45.72)	GR	M8MMH-1418J-ND	7.49	65.70	484.12
	36 (91.44)	MC	M8MMH-1436R-ND	9.26	81.16	598.02
36 (91.44)	GR	M8MMH-1436J-ND	8.09	70.98	523.05	

**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>9</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.	Pricing			3M Part No.
			1	100	500	
<b>NEW! Right Angle, Black PCT - 10µ" Gold - RoHS Compliant NEW!</b>						
10	1.26 (32.1)	MHR10E-ND	.77	58.46	264.55	D3793-6002-AR
14	1.46 (37.2)	MHR14E-ND	1.08	82.16	371.80	D3314-6002-AR
16	1.56 (39.7)	MHR16E-ND	1.25	94.80	429.00	D3408-6002-AR
20	1.76 (44.8)	MHR20E-ND	1.56	118.50	536.25	D3428-6002-AR
24	1.96 (49.8)	MHR24E-ND	1.87	142.20	643.50	D3627-6002-AR
26	2.06 (52.4)	MHR26E-ND	2.06	156.42	707.85	D3429-6002-AR
30	2.26 (57.4)	MHR30E-ND	2.08	158.00	715.00	D3440-6002-AR
34	2.46 (62.6)	MHR34E-ND	2.12	161.16	729.30	D3431-6002-AR
40	2.76 (70.2)	MHR40E-ND	2.52	191.18	865.15	D3432-6002-AR
50	3.26 (82.9)	MHR50E-ND	3.14	238.58	1079.65	D3433-6002-AR
<b>Right Angle, Gray PBT - 30µ" Gold</b>						
10	1.26 (32.00)	MHR10K-ND	1.41	107.44	486.20	3793-5002
14	1.46 (37.08)	MHR14K-ND	1.96	148.52	672.10	3314-5002
16	1.56 (39.62)	MHR16K-ND	2.25	170.64	772.20	3408-5002
20	1.76 (44.70)	MHR20K-ND	2.77	210.14	950.95	3428-5002
24	1.96 (49.78)	MHR24K-ND	3.33	252.80	1144.00	3627-5002
26	2.06 (52.32)	MHR26K-ND	3.60	273.34	1236.95	3429-5002
40	2.76 (70.10)	MHR40K-ND	4.43	336.54	1522.95	3432-5002
50	3.26 (82.80)	MHR50K-ND	5.53	420.28	1901.90	3433-5002
<b>Right Angle, Black PCT - 30µ" Gold - RoHS Compliant</b>						
10	1.26 (32.00)	MHR10L-ND	1.16	88.48	400.40	N3793-6002RB
14	1.46 (37.08)	MHR14L-ND	1.60	121.66	550.55	N3314-6002RB
16	1.56 (39.62)	MHR16L-ND	1.85	140.62	636.35	N3408-6002RB
20	1.76 (44.70)	MHR20L-ND	2.27	172.22	779.35	N3428-6002RB
24	1.96 (49.78)	MHR24L-ND	2.72	206.98	936.65	N3627-6002RB

No. of Contacts	Dimension A Inches (mm)	Digi-Key Part No.	Pricing			3M Part No.
			1	100	500	
26	2.06 (52.32)	MHR26L-ND	2.93	222.78	1008.15	N3429-6002RB
30	2.26 (57.40)	MHR30L-ND	2.72	206.98	936.65	N3440-6002RB
34	2.46 (62.48)	MHR34L-ND	3.06	232.26	1051.05	N3431-6002RB
40	2.76 (70.10)	MHR40L-ND	3.62	274.92	1244.10	N3432-6002RB
50	3.26 (82.80)	MHR50L-ND	4.51	342.86	1551.55	N3433-6002RB
60	3.76 (95.50)	MHR60L-ND	5.43	412.38	1866.15	N3372-6002RB

<b>NEW! Straight, Black PCT - 10µ" Gold - RoHS Compliant NEW!</b>						
10	1.26 (32.1)	MHS10E-ND	.77	58.46	264.55	D3793-6002-AR
14	1.46 (37.2)	MHS14E-ND	1.08	82.16	371.80	D3314-6002-AR
16	1.56 (39.7)	MHS16E-ND	1.25	94.80	429.00	D3408-6002-AR
20	1.76 (44.8)	MHS20E-ND	1.56	118.50	536.25	D3428-6002-AR
24	1.96 (49.8)	MHS24E-ND	1.87	142.20	643.50	D3627-6002-AR

||
||
||