

3M Termination Jumpers



Socket Connector to Plug Connector (Cont.)

No. of Contacts	Conn. Finish	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	Pricing	
					1	10
30	Au 30µ ⁺	36 (91.44)	MC	M3AKK-3036R-ND	16.75	146.85
	Au 30µ ⁺	36 (91.44)	GR	M3AKK-3036J-ND	14.70	128.91
34	Au 30µ ⁺	6 (15.24)	MC	M3AKK-3406R-ND	14.92	130.86
	Au 30µ ⁺	6 (15.24)	GR	M3AKK-3406J-ND	14.59	127.87
	Au 30µ ⁺	18 (45.72)	MC	M3AKK-3418R-ND	16.31	143.05
	Au 30µ ⁺	18 (45.72)	GR	M3AKK-3418J-ND	15.29	134.08
	Au 30µ ⁺	36 (91.44)	MC	M3AKK-3436R-ND	18.40	161.33
	Au 30µ ⁺	36 (91.44)	GR	M3AKK-3436J-ND	16.35	143.39
40	Au 30µ ⁺	6 (15.24)	MC	M3AKK-4006R-ND	16.96	148.70
	Au 30µ ⁺	6 (15.24)	GR	M3AKK-4006J-ND	16.55	145.18
	Au 30µ ⁺	18 (45.72)	MC	M3AKK-4018R-ND	18.59	163.04
	Au 30µ ⁺	18 (45.72)	GR	M3AKK-4018J-ND	17.39	152.49
	Au 30µ ⁺	36 (91.44)	MC	M3AKK-4036R-ND	21.05	184.54
	Au 30µ ⁺	36 (91.44)	GR	M3AKK-4036J-ND	18.64	163.44
50	Au 30µ ⁺	6 (15.24)	MC	M3AKK-5006R-ND	19.59	171.80
	Au 30µ ⁺	6 (15.24)	GR	M3AKK-5006J-ND	19.09	167.40
	Au 30µ ⁺	18 (45.72)	MC	M3AKK-5018R-ND	21.63	189.73
	Au 30µ ⁺	18 (45.72)	GR	M3AKK-5018J-ND	20.13	176.53
	Au 30µ ⁺	36 (91.44)	MC	M3AKK-5036R-ND	24.70	216.61
	Au 30µ ⁺	36 (91.44)	GR	M3AKK-5036J-ND	21.69	190.23
60	Au 30µ ⁺	6 (15.24)	MC	M3AKK-6006R-ND	23.62	207.11
	Au 30µ ⁺	6 (15.24)	GR	M3AKK-6006J-ND	23.01	201.84
	Au 30µ ⁺	18 (45.72)	MC	M3AKK-6018R-ND	26.07	228.62
	Au 30µ ⁺	18 (45.72)	GR	M3AKK-6018J-ND	24.26	212.79
	Au 30µ ⁺	36 (91.44)	MC	M3AKK-6036R-ND	29.75	260.88
	Au 30µ ⁺	36 (91.44)	GR	M3AKK-6036J-ND	26.14	229.23

Also available in the following configurations:

- M3AWK-□□□□-ND - Socket Connector Standard; Pin Connector with Flange, with Polarizing Key
- M3BRK-□□□□-ND - Socket Connector with SR; Pin Connector without Flange, with Polarizing Key and Strain Relief
- M3BYK-□□□□-ND - Socket Connector with Strain Relief; Pin Connector with Flange, with Polarizing Key and Strain Relief
- M3CKK-□□□□-ND - Socket Connector Open with Polarizing Key
- M3CWK-□□□□-ND - Socket Connector with Polarizing Key; Pin Connector with Flange, with Polarizing Key
- M3DRK-□□□□-ND - Socket Connector with Polarizing Key and SR; Pin Connector without Flange, with PK and SR
- M3DYK-□□□□-ND - Socket Connector with Polarizing Key and SR; Pin Connector with Flange, with Polarizing Key and SR
- M3TKK-□□□□-ND - Socket Connector Closed with Polarizing Key
- M3URK-□□□□-ND - Socket Connector Closed End with PK and SR; Pin Connector without Flange, with PK and SR
- M3UYK-□□□□-ND - Socket Connector Closed End with PK and SR; Pin Connector with Flange, with PK and Strain Relief

Call for complete part number and pricing!

Socket Connector to Plug Connector

*Twisted Pair Cable Finished Length is Approximate.



No. of Contacts	Conn. Finish	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	Pricing	
					1	10
10	Au 30µ ⁺	20 (50.80)	TW	M3AKK-1020K-ND	6.56	57.53
	Au 30µ ⁺	40 (101.60)	TW	M3AKK-1040K-ND	7.51	65.81
	Au 30µ ⁺	60 (152.40)	TW	M3AKK-1060K-ND	8.45	74.10
16	Au 30µ ⁺	20 (50.80)	TW	M3AKK-1620K-ND	9.77	85.68
	Au 30µ ⁺	40 (101.60)	TW	M3AKK-1640K-ND	11.28	98.93
	Au 30µ ⁺	60 (152.40)	TW	M3AKK-1660K-ND	12.79	112.19
20	Au 30µ ⁺	20 (50.80)	TW	M3AKK-2020K-ND	11.33	99.33
	Au 30µ ⁺	40 (101.60)	TW	M3AKK-2040K-ND	13.22	115.91
	Au 30µ ⁺	60 (152.40)	TW	M3AKK-2060K-ND	15.11	132.47
26	Au 30µ ⁺	20 (50.80)	TW	M3AKK-2620K-ND	13.71	120.24
	Au 30µ ⁺	40 (101.60)	TW	M3AKK-2640K-ND	16.17	141.78
	Au 30µ ⁺	60 (152.40)	TW	M3AKK-2660K-ND	18.62	163.32
34	Au 30µ ⁺	20 (50.80)	TW	M3AKK-3420K-ND	17.44	152.93
	Au 30µ ⁺	40 (101.60)	TW	M3AKK-3440K-ND	20.65	181.10
	Au 30µ ⁺	60 (152.40)	TW	M3AKK-3460K-ND	23.86	209.27
40	Au 30µ ⁺	20 (50.80)	TW	M3AKK-4020K-ND	19.92	174.67
	Au 30µ ⁺	40 (101.60)	TW	M3AKK-4040K-ND	23.70	207.80
	Au 30µ ⁺	60 (152.40)	TW	M3AKK-4060K-ND	27.48	240.94
50	Au 30µ ⁺	20 (50.80)	TW	M3AKK-5020K-ND	23.29	204.26
	Au 30µ ⁺	40 (101.60)	TW	M3AKK-5040K-ND	28.02	245.69
	Au 30µ ⁺	60 (152.40)	TW	M3AKK-5060K-ND	32.74	287.11
60	Au 30µ ⁺	20 (50.80)	TW	M3AKK-6020K-ND	28.06	246.06
	Au 30µ ⁺	40 (101.60)	TW	M3AKK-6040K-ND	33.73	295.77
	Au 30µ ⁺	60 (152.40)	TW	M3AKK-6060K-ND	39.40	345.48

Also available in the following configurations:

- M3AWK-□□□□K-ND - Socket Connector/Pin Connector w/ Flange w/ PK
- M3BRK-□□□□K-ND - Socket Connector with SR, Pin Connector without Flange with PK and SR.
- M3BYK-□□□□K-ND - Socket Connector with SR, Pin Connector with Flange with PK and SR.
- M3CKK-□□□□K-ND - Socket Connector with PK, Pin Connector without Flange with PK.

M3CWK-□□□□K-ND - Socket Connector with PK, Pin Connector with Flange with PK.

M3DRK-□□□□K-ND - Socket Connector with PK and SR, Pin Connector without Flange with PK and SR.

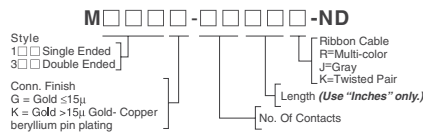
M3DYK-□□□□K-ND - Socket Connector with PK and SR, Pin Connector with Flange with PK and SR.

M3TKK-□□□□K-ND - Closed End Socket Connector with PK, Pin Connector without Flange with PK.

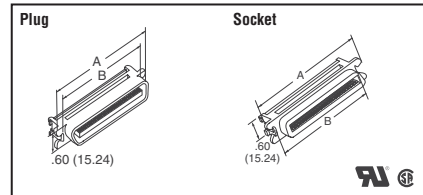
M3URK-□□□□K-ND - Closed End Socket Connector with PK and SR, Pin Connector without Flange with PK and SR.

M3UYK-□□□□K-ND - Closed End Socket Connector with PK and SR, Pin Connector with Flange with PK and SR.

Call for complete part number and pricing!



3M Delta Flat Ribbon Cable 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

Electrical Specifications: • Current Rating: 1A • Insulation Resistance: >1x10⁹ Ω @ 500VDC • Withstanding Voltage: 1000VRMS @ sea level

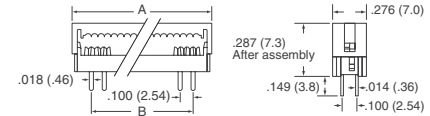
Environmental Specifications: • Temperature Rating: -55°C - 105°C • UL File No.: E68080; CSA File No.: LR-40971

3 mounting designs available. Those with Prefix MDA on Digi-Key part number: combination mount, which is a universal mount type that accepts both ball and screw mount hardware. Prefix MDC: ball mount, which can be used as a standard I/O connector for various electronic applications; positive latching and easy disconnect. Prefix MDB: screw mount, which have #4-40 threaded insert that simplifies mounting when a more permanent connection is desired.

Wire Accommodation: 26-30AWG stranded

No. of Cont.	Dim. - Inch (mm)		Digi-Key Part No.	Pricing		3M Part No.
	A	B		1	10	
Plugs						
14	1.75 (44.45)	1.42 (36.07)	MDA14K-ND	4.03	33.93	3572-1000
	1.58 (40.13)	1.20 (30.48)	MDC14K-ND	4.65	39.13	3572-1001
	1.75 (44.45)	1.42 (36.07)	MDB14K-ND	4.33	36.47	3572-1002
24	2.17 (55.12)	1.84 (46.74)	MDA24K-ND	4.70	39.52	3548-1000
	2.00 (50.80)	1.63 (41.40)	MDC24K-ND	4.44	37.35	3548-1001
	2.17 (55.12)	1.84 (46.74)	MDB24K-ND	5.75	48.41	3548-1002
36	2.68 (68.07)	2.35 (59.69)	MDA36K-ND	5.92	49.80	3366-1000
	2.52 (64.01)	2.14 (54.36)	MDC36K-ND	5.44	45.74	3366-1001
	2.68 (68.07)	2.35 (59.69)	MDB36K-ND	5.58	46.89	3366-1002
50	3.27 (83.06)	2.95 (74.93)	MDA50K-ND	6.49	54.63	3564-1000
	3.11 (78.99)	2.73 (69.34)	MDC50K-ND	6.90	58.07	3564-1001
	3.27 (83.06)	2.95 (74.93)	MDB50K-ND	6.84	57.56	3564-1002
Sockets						
14	1.75 (44.45)	1.42 (36.07)	MDI14K-ND	5.37	45.23	3573-1000
	1.58 (40.13)	1.20 (30.48)	MDI14K-ND	3.72	31.25	3573-1001
	1.75 (44.45)	1.42 (36.07)	MDI14K-ND	5.72	48.16	3573-1002
24	2.17 (55.12)	1.84 (46.74)	MDI24K-ND	4.23	35.57	3549-1000
	2.00 (50.80)	1.63 (41.40)	MDI24K-ND	4.41	37.10	3549-1001
	2.17 (55.12)	1.84 (46.74)	MDI24K-ND	4.49	37.74	3549-1002
36	2.68 (68.07)	2.35 (59.69)	MDI36K-ND	5.18	43.58	3367-1000
	2.52 (64.01)	2.14 (54.36)	MDI36K-ND	5.82	48.92	3367-1001
	2.68 (68.07)	2.35 (59.69)	MDI36K-ND	6.16	51.84	3367-1002
50	3.27 (83.06)	2.95 (74.93)	MDI50K-ND	6.18	51.97	3565-1000
	3.11 (78.99)	2.73 (69.34)	MDI50K-ND	7.33	61.62	3565-1001
	3.27 (83.06)	2.95 (74.93)	MDI50K-ND	6.84	57.56	3565-1002
Backshells						
50	—	—	MDBF50-ND	2.69	22.61	3485-2500
Metal Strain Reliefs						
14	—	—	MDSF14-ND	.35	2.93	3448-60
24	—	—	MDSF24-ND	.35	2.93	3448-61
36	—	—	MDSF36-ND	.52	4.32	3448-62
50	—	—	MDSF50-ND	.53	4.45	3448-63

3M .100" x .100" PCB Connectors



Series 78XX is a low cost, insulation displacement connector (IDC) designed for soldering of flat ribbon cable to a PC board. Use with Wire Accommodations: 26AWG Stranded, 28AWG Solid or Stranded, 30AWG Solid.

Physical Specifications:

- Insulation Material: Glass filled Polyester
- Flammability Rating: UL94V-0
- Color: Gray

Electrical Specifications: • Current Rating: 1.0A • Withstanding Voltage: 1000VAC for 1 minute

Environmental Specifications: • Temperature Rating: -55°C - 105°C

No. of Cont.	Dimensions - Inch (mm)		Digi-Key Part No.	Pricing		3M Part No.
	A	B		1	10	
Gold Flash						
10	0.685 (17.4)	0.402 (10.2)	MDM10H-ND	2.52	20.49	7810-0006-PR
14	0.886 (22.5)	0.599 (15.2)	MDM14H-ND	2.82	22.97	7814-0006-PR
16	0.985 (25)	0.701 (17.8)	MDM16H-ND	2.87	23.38	7816-0006-PR
20	1.185 (30.1)	0.901 (22.9)	MDM20H-ND	2.85	23.17	7820-0006-PR
26	1.484 (37.7)	1.200 (30.5)	MDM26H-ND	3.54	28.76	7826-0006-PR
30	1.685 (42.8)	1.401 (35.6)	MDM30H-ND	3.81	31.04	7830-0006-PR
34	1.886 (47.9)	1.599 (40.6)	MDM34H-ND	3.79	30.83	7834-0006-PR
40	2.185 (55.5)	1.901 (48.3)	MDM40H-ND	4.50	36.63	7840-0006-PR
50	2.685 (68.2)	2.401 (61)	MDM50H-ND	5.29	43.04	7850-0006-PR
60	3.185 (80.9)	2.901 (73.7)	MDM60H-ND	5.79	47.18	7860-0006-PR

3M PCB Cable Assemblies



Single Ended - Style 2



Connector Finish: Tin

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

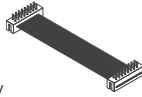
No. of Cont.	Length Inch (cm)	Ribbon Cable	Digi-Key Part No.	Pricing		
				1	100	
10	6 (15.24)	MC	M2MXH-1006R-ND	2.54	22.27	164.14
	6 (15.24)	GR	M2MXH-1006J-ND	2.45	21.50	158.38
	18 (45.72)	MC	M2MXH-1018R-ND	2.95	25.86	190.56
	18 (45.72)	GR	M2MXH-1018J-ND	2.68	23.52	173.27
	36 (91.44)	MC	M2MXH-1036R-ND	3.56	31.24	230.19
	36 (91.44)	GR	M2MXH-1036J-ND	3.03	26.55	195.61
14	6 (15.24)	MC	M2MXH-1406R-ND	2.90	25.48	187.72
	6 (15.24)	GR	M2MXH-1406J-ND	2.77	24.25	178.65
	18 (45.72)	MC	M2MXH-1418R-ND	3.48	30.49	224.70
	18 (45.72)	GR	M2MXH-1418J-ND	3.06	26.80	

3M PCB Cable Assemblies (Cont.)



Double Ended — Style 6

Connector Finish: Tin



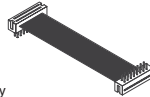
*MC = 3M Multi-Color, GR = 3M Gray

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



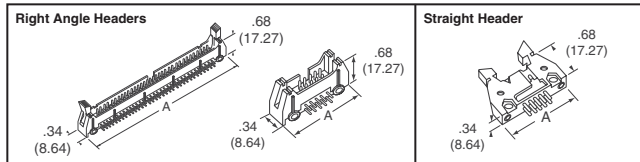
*MC = 3M Multi-Color, GR = 3M Gray

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 10¹² 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.
Right Angle, Black PCT - 10µ" Gold - RoHS Compliant						
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
Right Angle, Gray PBT - 30µ" Gold						
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
Right Angle, Black PCT - 30µ" Gold - RoHS Compliant						
10	1.26 (32.00)	MHR10L-ND	.84	64.24	290.69	N3793-6002RB
14	1.46 (37.08)	MHR14L-ND	1.16	88.33	399.70	N3314-6002RB
16	1.56 (39.62)	MHR16L-ND	1.34	102.09	461.99	N3408-6002RB
20	1.76 (44.70)	MHR20L-ND	1.65	125.03	565.81	N3428-6002RB
24	1.96 (49.78)	MHR24L-ND	1.97	150.27	680.01	N3627-6002RB

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	N3429-6002RB
30	2.26 (57.40)	MHR30L-ND	1.97	150.27	680.01	N3440-6002RB
34	2.46 (62.48)	MHR34L-ND	2.22	168.62	763.06	N3431-6002RB
40	2.76 (70.10)	MHR40L-ND	2.63	199.59	903.22	N3432-6002RB
50	3.26 (82.80)	MHR50L-ND	3.27	248.92	1126.43	N3433-6002RB
60	3.76 (95.50)	MHR60L-ND	3.94	299.39	1354.82	N3372-6002RB

Straight, Black PCT - 10µ" Gold - RoHS Compliant						
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	529.47	D3431-6002-AR
40	2.76 (70.2)	MHS40E-ND	1.83	138.80	628.10	D3432-6002-AR
50	3.26 (82.9)					