

MDM Series

Micro D connectors, Wired type

MCMX - CS FR061



Type	Mating/ Unmating Force (N max)	Unmating Force (N min)	Max weight with contacts and without accessories nor wire (g)
Size 9	25	1.3	2.2
Size 15	42	2.0	3
Size 21	58	2.9	3.8
Size 25	70	3.5	4.3
Size 31	86	4.3	5.1
Size 37	103	5.1	5.9
Size 51	142	7.1	7.2

Electrical & Mechanical Characteristics

Characteristics	Specifications	
Working voltage	150	Vrms max (at sea level)
	100	Vrms max (33000 m of altitude)
Rated current AWG 26	2.5	A max
Rated current AWG 25	2.5	A max
Contact resistance (Low level current)	6	mΩ max (10mA / 20 mV DC)
Contact resistance	5	mΩ max (Rated current)
Insulation resistance	5000	MΩ min (500 V DC)
Dielectric withstanding voltage	600	Vrms (60 Hz AC) (at sea level)
	150	Vrms (60 Hz AC) (at 70000 feet)
Contact retention in insert	22.25	N min (no axial move allowed)
Engagement force	1.667	N max per contact
Separation force	0.137	N min per contact
Mechanical endurance	500	Cycles (mating / unmating)
Temperature range	-55/+125	°C
Storage temperature	-55/+125	°C

Description

High performance microminiature connectors for military applications. Meet the performance and dimensional requirements of the MIL-DTL-83513 specifications.

Compliant to MIL-DTL-83513/3, MIL-DTL-83513/4

Suitable for use in high performance military / aerospace applications : Board to Board, Board to Cable, Cable to Cable.

Twist Pin contacts technology.

Sizes available : 9, 15, 21, 25, 31, 37, 51 ways

Accepted wires size : Insulated wire AWG 26
Uninsulated wire AWG 25

Pitch between two contacts rows : 1.09 mm (.043")

Pitch between two horizontally adjacent contacts : 1.27 mm (.050")

Features & Benefits

- Compliant with commercial military grade quality level
- High performance Micropin™ contact system: "Twist pin" spring male contact and tubular socket contact
- Wires crimped & encapsulated
- Harnesses length flexibility
- Low size connectors
- Low weight connectors

Applications

- Defense
- Military
- Avionics

Quality Level

Commercial grade according to specification FR061.

Packaging

Individual ESD plastic bag.

Each MCMX socket connector is sold with an interfacial seal.

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How To Order Connector

Our easy build-a-connector concept allows you to mix and match options to create the MDM, wired type, you need. To order, select desired option from each category and place it in the appropriate box.

FR061 specification:

LF-MCMX-83513 / 03 - D 01 N FR061

Littelfuse MCMX Series
as per MIL-DTL-83513

Type of Contact:

03: Crimp type, Pin (Male)
04: Crimp type, Socket (Female)

Contact arrangement:

Number of contacts

A: 9
B: 15
C: 21
D: 25
E: 31
F: 37
G: 51

Connector specification for
Commercial grade

Shell Finish:
N: 13 µm min Ni

Wire type:

Length 18"

01: Length 457 mm mini (18" min) M22759 / 11 - 26 - 9 (White color insulation)
Insulation : Extruded PTFE / Conductor : AWG 26 silver coated copper alloy

03: Length 457 mm mini (18" min) M22759 / 11 - 26 - * (10 colors repeating)
Insulation : Extruded PTFE / Conductor : AWG 26 silver coated copper alloy

09: Length 457 mm mini (18" min) M22759 / 33 - 26 - 9 (White color insulation)
Insulation : Modified XL-ETFE / Conductor : AWG 26 silver coated high strength copper alloy

11: Length 457 mm mini (18" min) M22759 / 33 - 26 - * (10 colors repeating)
Insulation : Modified XL-ETFE / Conductor : AWG 26 silver coated high strength copper alloy

Length 36"

02: Length 914 mm mini (36" min) M22759 / 11 - 26 - 9 (White color insulation)
Insulation : Extruded PTFE / Conductor : AWG 26 silver coated copper alloy

04: Length 914 mm mini (36" min) M22759 / 11 - 26 - * (10 colors repeating)
Insulation : Extruded PTFE / Conductor : AWG 26 silver coated copper alloy

10: Length 914 mm mini (36" min) M22759 / 33 - 26 - 9 (White color insulation)
Insulation : Modified XL-ETFE / Conductor : AWG 26 silver coated high strength copper alloy

12: Length 914 mm mini (36" min) M22759 / 33 - 26 - * (10 colors repeating)
Insulation : Modified XL-ETFE / Conductor : AWG 26 silver coated high strength copper alloy

Length 72"

13: Length 1829 mm mini (72" min) M22759 / 11 - 26 - 9 (White color insulation)
Insulation : Extruded PTFE / Conductor : AWG 26 silver coated copper alloy

14: Length 1829 mm mini (72" min) M22759 / 11 - 26 - * (10 colors repeating)
Insulation : Extruded PTFE / Conductor : AWG 26 silver coated copper alloy

15: Length 1829 mm mini (72" min) M22759 / 33 - 26 - 9 (White color insulation)
Insulation : Modified XL-ETFE / Conductor : AWG 26 silver coated high strength copper alloy

16: Length 1829 mm mini (72" min) M22759 / 33 - 26 - * (10 colors repeating)
Insulation : Modified XL-ETFE / Conductor : AWG 26 silver coated high strength copper alloy

06: Pigtail length 25.4 mm mini (1" min) Uninsulated AWG 25 wire, gold plated copper alloy

* Insulation color code per MIL - STD - 104

0: BLACK
1: BROWN
2: RED
3: ORANGE
4: YELLOW
5: GREEN
6: BLUE
7: PURPLE
8: GRAY
9: WHITE

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Materials & Finishes

Components	Materials	Finishes
Shell	Aluminum alloy	13 µm min Electroless Nickel (SC2 / ASTM B733)
Insulator	LCP	UL 94-V0, Glass-filled, Black color
Female contacts	Copper alloy	1.27 µm min Gold over Copper
Male contacts	Copper alloy	1.27 µm min Gold over Copper
Interfacial seal	Fluorosilicone elastomer	Pink color
Dust cap	Polyethylene	Black color, antistatic
Encapsulant	Epoxy	Black color
Screwlocks	Stainless steel	Passivated

Wire weight:

M22759 / 11 - 26 - * : 2.83 g / m

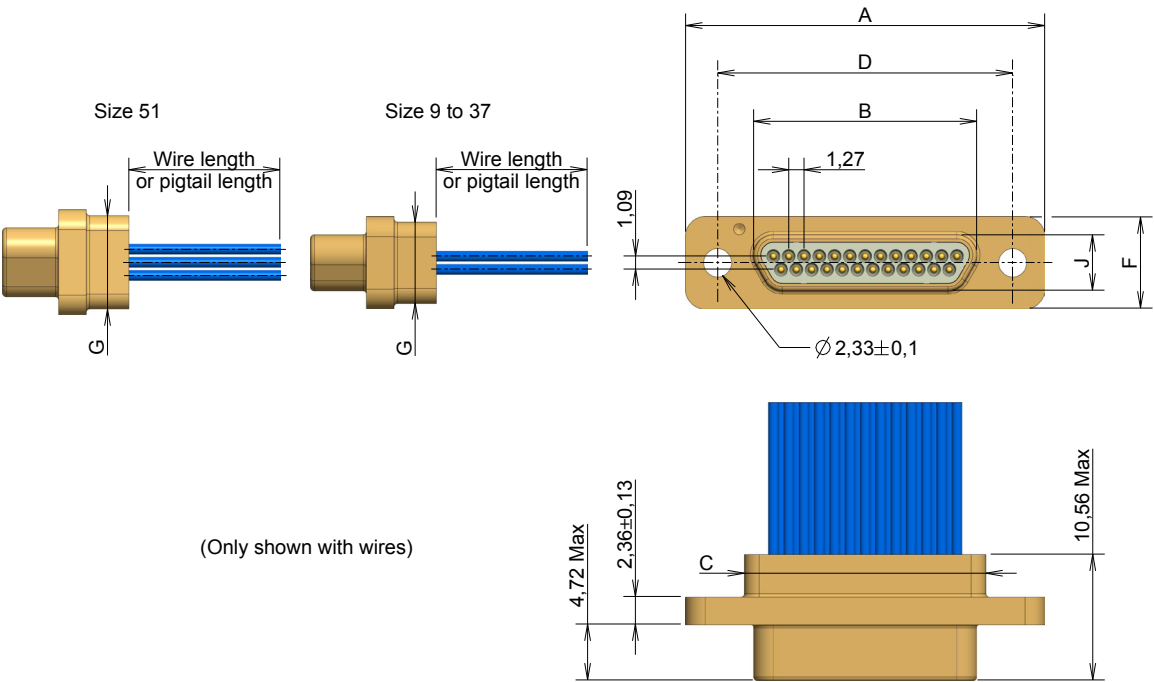
M22759 / 33 - 26 - * : 2.08 g / m

Uninsulated AWG 25 wire : 1.60 g / m

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Pin connector dimensions

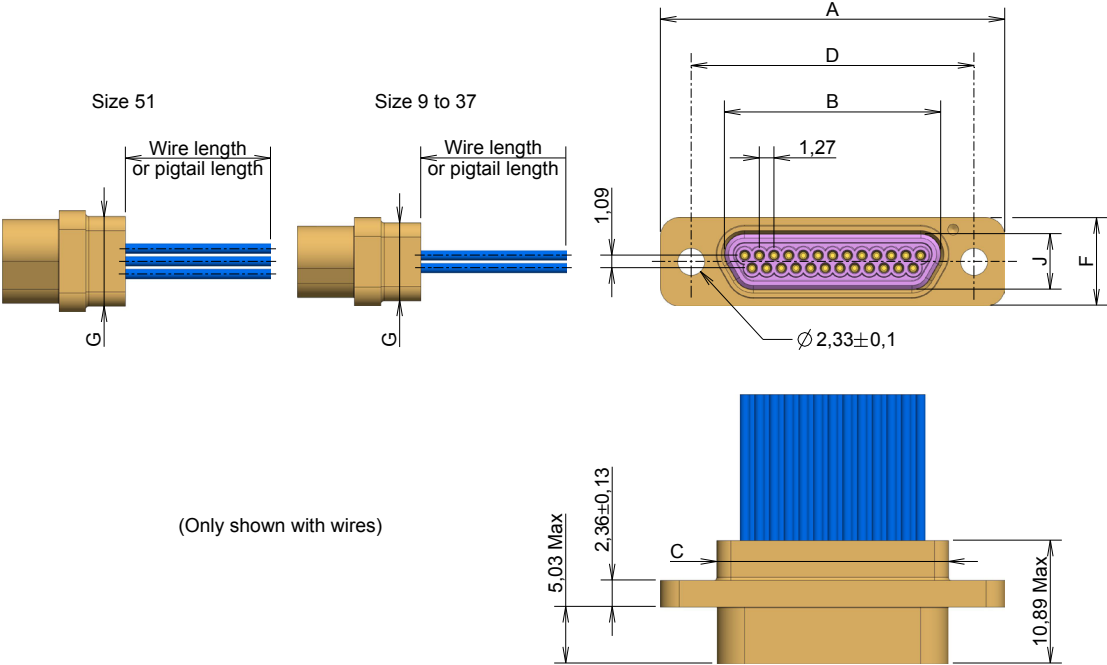


Shell Size	A ± 0.25	B ± 0.1	C ± 0.24	D ± 0.13	F ± 0.21	G ± 0.17	J max
9P	19.69	8.38	9.92	14.35	7.60	6.69	4.69
15P	23.50	12.19	13.73	18.16	7.60	6.69	4.69
21P	27.31	16.00	17.54	21.97	7.60	6.69	4.69
25P	29.85	18.54	20.08	24.51	7.60	6.69	4.69
31P	33.66	22.35	23.89	28.32	7.60	6.69	4.69
37P	37.47	26.16	27.70	32.13	7.60	6.69	4.69
51P	36.20	24.89	26.43	30.86	8.70	7.70	5.78

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Socket connector dimensions



Shell Size	A ± 0.25	B min	C ± 0.24	D ± 0.13	F ± 0.21	G ± 0.17	J min
9S	19.69	8.49	9.92	14.35	7.60	6.69	4.71
15S	23.50	12.30	13.73	18.16	7.60	6.69	4.71
21S	27.31	16.11	17.54	21.97	7.60	6.69	4.71
25S	29.85	18.65	20.08	24.51	7.60	6.69	4.71
31S	33.66	22.46	23.89	28.32	7.60	6.69	4.71
37S	37.47	26.27	27.70	32.13	7.60	6.69	4.71
51S	36.20	25.00	26.43	30.86	8.70	7.70	5.80

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Accessories

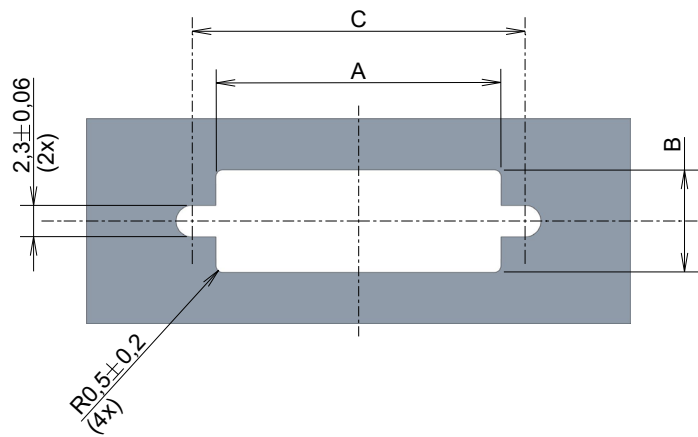
Male screwlocks Low profile, Allen head (To be ordered separately)		MCMX description	P/N
	Weight for one pair: 0.6 g max	LF-MCMX-83513/05-02-FR061	C115378-0001
Male screwlocks High profile, Allen head (To be ordered separately)		MCMX description	P/N
	Weight for one pair: 2.5 g max	LF-MCMX-83513/05-03-FR061	C115378-0003
Male screwlocks Low profile, Slot head (To be ordered separately)		MCMX description	P/N
	Weight for one pair: 0.55 g max	LF-MCMX-83513/05-05-FR061	C115378-0002
Male screwlocks High profile, Slot head (To be ordered separately)		MCMX description	P/N
	Weight for one pair: 2.45 g max	LF-MCMX-83513/05-06-FR061	C115378-0004

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In case of use on equipment side

Female screwlocks (To be ordered separately)	MCMX description	P/N
	Weight for one pair: 1.1 g max LF-MCMX-83513/05-07-FR061	C115378-0000

Panel cutout



Front panel mounting			
Shell Size	A ±0.05	B ±0.05	C ±0.1
9	10.56	7.33	14.35
15	14.37	7.33	18.16
21	18.18	7.33	21.97
25	20.72	7.33	24.51
31	24.53	7.33	28.32
37	28.34	7.33	32.13
51	27.07	8.35	30.86

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Wired versions - Description and Part Numbers

Shell plating	Contact type	Number of contacts	Wire type : 01: Length 457 mm mini (18" min) M22759 / 11 - 26 - 9 (White color insulation) Insulation : Extruded PTFE Conductor : AWG 26 silver coated copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A01N-FR061	C115378-1014
		15	LF-MCMX-83513/03-B01N-FR061	C115378-1016
		21	LF-MCMX-83513/03-C01N-FR061	C115378-1018
		25	LF-MCMX-83513/03-D01N-FR061	C115378-1020
		31	LF-MCMX-83513/03-E01N-FR061	C115378-1022
		37	LF-MCMX-83513/03-F01N-FR061	C115378-1024
		51	LF-MCMX-83513/03-G01N-FR061	C115378-1026
	Socket	9	LF-MCMX-83513/04-A01N-FR061	C115378-1015
		15	LF-MCMX-83513/04-B01N-FR061	C115378-1017
		21	LF-MCMX-83513/04-C01N-FR061	C115378-1019
		25	LF-MCMX-83513/04-D01N-FR061	C115378-1021
		31	LF-MCMX-83513/04-E01N-FR061	C115378-1023
		37	LF-MCMX-83513/04-F01N-FR061	C115378-1025
		51	LF-MCMX-83513/04-G01N-FR061	C115378-1027

Shell plating	Contact type	Number of contacts	Wire type : 03: Length 457 mm mini (18" min) M22759 / 11 - 26 - * (10 colors repeating) Insulation : Extruded PTFE Conductor : AWG 26 silver coated copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A03N-FR061	C115378-1042
		15	LF-MCMX-83513/03-B03N-FR061	C115378-1044
		21	LF-MCMX-83513/03-C03N-FR061	C115378-1046
		25	LF-MCMX-83513/03-D03N-FR061	C115378-1048
		31	LF-MCMX-83513/03-E03N-FR061	C115378-1050
		37	LF-MCMX-83513/03-F03N-FR061	C115378-1052
		51	LF-MCMX-83513/03-G03N-FR061	C115378-1054
	Socket	9	LF-MCMX-83513/04-A03N-FR061	C115378-1043
		15	LF-MCMX-83513/04-B03N-FR061	C115378-1045
		21	LF-MCMX-83513/04-C03N-FR061	C115378-1047
		25	LF-MCMX-83513/04-D03N-FR061	C115378-1049
		31	LF-MCMX-83513/04-E03N-FR061	C115378-1051
		37	LF-MCMX-83513/04-F03N-FR061	C115378-1053
		51	LF-MCMX-83513/04-G03N-FR061	C115378-1055

Shell plating	Contact type	Number of contacts	Wire type : 09: Length 457 mm mini (18" min) M22759 / 33 - 26 - 9 (White color insulation) Insulation : Modified XL-ETFE Conductor : AWG 26 silver coated high strength copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A09N-FR061	C115378-1084
		15	LF-MCMX-83513/03-B09N-FR061	C115378-1086
		21	LF-MCMX-83513/03-C09N-FR061	C115378-1088
		25	LF-MCMX-83513/03-D09N-FR061	C115378-1090
		31	LF-MCMX-83513/03-E09N-FR061	C115378-1092
		37	LF-MCMX-83513/03-F09N-FR061	C115378-1094
		51	LF-MCMX-83513/03-G09N-FR061	C115378-1096
	Socket	9	LF-MCMX-83513/04-A09N-FR061	C115378-1085
		15	LF-MCMX-83513/04-B09N-FR061	C115378-1087
		21	LF-MCMX-83513/04-C09N-FR061	C115378-1089
		25	LF-MCMX-83513/04-D09N-FR061	C115378-1091
		31	LF-MCMX-83513/04-E09N-FR061	C115378-1093
		37	LF-MCMX-83513/04-F09N-FR061	C115378-1095
		51	LF-MCMX-83513/04-G09N-FR061	C115378-1097

Shell plating	Contact type	Number of contacts	Wire type : 11: Length 457 mm mini (18" min) M22759 / 33 - 26 - * (10 colors repeating) Insulation : Modified XL-ETFE Cond. : AWG 26 silver coated high strength copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A11N-FR061	C115378-1112
		15	LF-MCMX-83513/03-B11N-FR061	C115378-1114
		21	LF-MCMX-83513/03-C11N-FR061	C115378-1116
		25	LF-MCMX-83513/03-D11N-FR061	C115378-1118
		31	LF-MCMX-83513/03-E11N-FR061	C115378-1120
		37	LF-MCMX-83513/03-F11N-FR061	C115378-1122
		51	LF-MCMX-83513/03-G11N-FR061	C115378-1124
	Socket	9	LF-MCMX-83513/04-A11N-FR061	C115378-1113
		15	LF-MCMX-83513/04-B11N-FR061	C115378-1115
		21	LF-MCMX-83513/04-C11N-FR061	C115378-1117
		25	LF-MCMX-83513/04-D11N-FR061	C115378-1119
		31	LF-MCMX-83513/04-E11N-FR061	C115378-1121
		37	LF-MCMX-83513/04-F11N-FR061	C115378-1123
		51	LF-MCMX-83513/04-G11N-FR061	C115378-1125

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Wired versions - Description and Part Numbers

Shell plating	Contact type	Number of contacts	Wire type : 02: Length 914 mm mini (36" min) M22759 / 11 - 26 - 9 (White color insulation) Insulation : Extruded PTFE Conductor : AWG 26 silver coated copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A02N-FR061	C115378-1028
		15	LF-MCMX-83513/03-B02N-FR061	C115378-1030
		21	LF-MCMX-83513/03-C02N-FR061	C115378-1032
		25	LF-MCMX-83513/03-D02N-FR061	C115378-1034
		31	LF-MCMX-83513/03-E02N-FR061	C115378-1036
		37	LF-MCMX-83513/03-F02N-FR061	C115378-1038
		51	LF-MCMX-83513/03-G02N-FR061	C115378-1040
	Socket	9	LF-MCMX-83513/04-A02N-FR061	C115378-1029
		15	LF-MCMX-83513/04-B02N-FR061	C115378-1031
		21	LF-MCMX-83513/04-C02N-FR061	C115378-1033
		25	LF-MCMX-83513/04-D02N-FR061	C115378-1035
		31	LF-MCMX-83513/04-E02N-FR061	C115378-1037
		37	LF-MCMX-83513/04-F02N-FR061	C115378-1039
		51	LF-MCMX-83513/04-G02N-FR061	C115378-1041

Shell plating	Contact type	Number of contacts	Wire type : 04: Length 914 mm mini (36" min) M22759 / 11 - 26 - * (10 colors repeating) Insulation : Extruded PTFE Conductor : AWG 26 silver coated copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A04N-FR061	C115378-1056
		15	LF-MCMX-83513/03-B04N-FR061	C115378-1058
		21	LF-MCMX-83513/03-C04N-FR061	C115378-1060
		25	LF-MCMX-83513/03-D04N-FR061	C115378-1062
		31	LF-MCMX-83513/03-E04N-FR061	C115378-1064
		37	LF-MCMX-83513/03-F04N-FR061	C115378-1066
		51	LF-MCMX-83513/03-G04N-FR061	C115378-1068
	Socket	9	LF-MCMX-83513/04-A04N-FR061	C115378-1057
		15	LF-MCMX-83513/04-B04N-FR061	C115378-1059
		21	LF-MCMX-83513/04-C04N-FR061	C115378-1061
		25	LF-MCMX-83513/04-D04N-FR061	C115378-1063
		31	LF-MCMX-83513/04-E04N-FR061	C115378-1065
		37	LF-MCMX-83513/04-F04N-FR061	C115378-1067
		51	LF-MCMX-83513/04-G04N-FR061	C115378-1069

Shell plating	Contact type	Number of contacts	Wire type : 10: Length 914 mm mini (36" min) M22759 / 33 - 26 - 9 (White color insulation) Insulation : Modified XL-ETFE Cond. : AWG 26 silver coated high strength copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A10N-FR061	C115378-1098
		15	LF-MCMX-83513/03-B10N-FR061	C115378-1100
		21	LF-MCMX-83513/03-C10N-FR061	C115378-1102
		25	LF-MCMX-83513/03-D10N-FR061	C115378-1104
		31	LF-MCMX-83513/03-E10N-FR061	C115378-1106
		37	LF-MCMX-83513/03-F10N-FR061	C115378-1108
		51	LF-MCMX-83513/03-G10N-FR061	C115378-1110
	Socket	9	LF-MCMX-83513/04-A10N-FR061	C115378-1099
		15	LF-MCMX-83513/04-B10N-FR061	C115378-1101
		21	LF-MCMX-83513/04-C10N-FR061	C115378-1103
		25	LF-MCMX-83513/04-D10N-FR061	C115378-1105
		31	LF-MCMX-83513/04-E10N-FR061	C115378-1107
		37	LF-MCMX-83513/04-F10N-FR061	C115378-1109
		51	LF-MCMX-83513/04-G10N-FR061	C115378-1111

Shell plating	Contact type	Number of contacts	Wire type : 12: Length 914 mm mini (36" min) M22759 / 33 - 26 - * (10 colors repeating) Insulation : Modified XL-ETFE Cond. : AWG 26 silver coated high strength copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A12N-FR061	C115378-1126
		15	LF-MCMX-83513/03-B12N-FR061	C115378-1128
		21	LF-MCMX-83513/03-C12N-FR061	C115378-1130
		25	LF-MCMX-83513/03-D12N-FR061	C115378-1132
		31	LF-MCMX-83513/03-E12N-FR061	C115378-1134
		37	LF-MCMX-83513/03-F12N-FR061	C115378-1136
		51	LF-MCMX-83513/03-G12N-FR061	C115378-1138
	Socket	9	LF-MCMX-83513/04-A12N-FR061	C115378-1127
		15	LF-MCMX-83513/04-B12N-FR061	C115378-1129
		21	LF-MCMX-83513/04-C12N-FR061	C115378-1131
		25	LF-MCMX-83513/04-D12N-FR061	C115378-1133
		31	LF-MCMX-83513/04-E12N-FR061	C115378-1135
		37	LF-MCMX-83513/04-F12N-FR061	C115378-1137
		51	LF-MCMX-83513/04-G12N-FR061	C115378-1139

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Wired versions - Description and Part Numbers

Shell plating	Contact type	Number of contacts	Wire type : 13: Length 1829 mm mini (72" min) M22759 / 11 - 26 - 9 (White color insulation) Insulation : Extruded PTFE Conductor : AWG 26 silver coated copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A13N-FR061	C115378-1140
		15	LF-MCMX-83513/03-B13N-FR061	C115378-1142
		21	LF-MCMX-83513/03-C13N-FR061	C115378-1144
		25	LF-MCMX-83513/03-D13N-FR061	C115378-1146
		31	LF-MCMX-83513/03-E13N-FR061	C115378-1148
		37	LF-MCMX-83513/03-F13N-FR061	C115378-1150
		51	LF-MCMX-83513/03-G13N-FR061	C115378-1152
	Socket	9	LF-MCMX-83513/04-A13N-FR061	C115378-1141
		15	LF-MCMX-83513/04-B13N-FR061	C115378-1143
		21	LF-MCMX-83513/04-C13N-FR061	C115378-1145
		25	LF-MCMX-83513/04-D13N-FR061	C115378-1147
		31	LF-MCMX-83513/04-E13N-FR061	C115378-1149
		37	LF-MCMX-83513/04-F13N-FR061	C115378-1151
		51	LF-MCMX-83513/04-G13N-FR061	C115378-1153

Shell plating	Contact type	Number of contacts	Wire type : 14: Length 1829 mm mini (72" min) M22759 / 11 - 26 - * (10 colors repeating) Insulation : Extruded PTFE Conductor : AWG 26 silver coated copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A14N-FR061	C115378-1154
		15	LF-MCMX-83513/03-B14N-FR061	C115378-1156
		21	LF-MCMX-83513/03-C14N-FR061	C115378-1158
		25	LF-MCMX-83513/03-D14N-FR061	C115378-1160
		31	LF-MCMX-83513/03-E14N-FR061	C115378-1162
		37	LF-MCMX-83513/03-F14N-FR061	C115378-1164
		51	LF-MCMX-83513/03-G14N-FR061	C115378-1166
	Socket	9	LF-MCMX-83513/04-A14N-FR061	C115378-1155
		15	LF-MCMX-83513/04-B14N-FR061	C115378-1157
		21	LF-MCMX-83513/04-C14N-FR061	C115378-1159
		25	LF-MCMX-83513/04-D14N-FR061	C115378-1161
		31	LF-MCMX-83513/04-E14N-FR061	C115378-1163
		37	LF-MCMX-83513/04-F14N-FR061	C115378-1165
		51	LF-MCMX-83513/04-G14N-FR061	C115378-1167

Shell plating	Contact type	Number of contacts	Wire type : 15: Length 1829 mm mini (72" min) M22759 / 33 - 26 - 9 (White color insulation) Insulation : Modified XL-ETFE Cond. : AWG 26 silver coated high strength copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A15N-FR061	C115378-1168
		15	LF-MCMX-83513/03-B15N-FR061	C115378-1170
		21	LF-MCMX-83513/03-C15N-FR061	C115378-1172
		25	LF-MCMX-83513/03-D15N-FR061	C115378-1174
		31	LF-MCMX-83513/03-E15N-FR061	C115378-1176
		37	LF-MCMX-83513/03-F15N-FR061	C115378-1178
		51	LF-MCMX-83513/03-G15N-FR061	C115378-1180
	Socket	9	LF-MCMX-83513/04-A15N-FR061	C115378-1169
		15	LF-MCMX-83513/04-B15N-FR061	C115378-1171
		21	LF-MCMX-83513/04-C15N-FR061	C115378-1173
		25	LF-MCMX-83513/04-D15N-FR061	C115378-1175
		31	LF-MCMX-83513/04-E15N-FR061	C115378-1177
		37	LF-MCMX-83513/04-F15N-FR061	C115378-1179
		51	LF-MCMX-83513/04-G15N-FR061	C115378-1181

Shell plating	Contact type	Number of contacts	Wire type : 16: Length 1829 mm mini (72" min) M22759 / 33 - 26 - * (10 colors repeating) Insulation : Modified XL-ETFE Cond. : AWG 26 silver coated high strength copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A16N-FR061	C115378-1182
		15	LF-MCMX-83513/03-B16N-FR061	C115378-1184
		21	LF-MCMX-83513/03-C16N-FR061	C115378-1186
		25	LF-MCMX-83513/03-D16N-FR061	C115378-1188
		31	LF-MCMX-83513/03-E16N-FR061	C115378-1190
		37	LF-MCMX-83513/03-F16N-FR061	C115378-1192
		51	LF-MCMX-83513/03-G16N-FR061	C115378-1194
	Socket	9	LF-MCMX-83513/04-A16N-FR061	C115378-1183
		15	LF-MCMX-83513/04-B16N-FR061	C115378-1185
		21	LF-MCMX-83513/04-C16N-FR061	C115378-1187
		25	LF-MCMX-83513/04-D16N-FR061	C115378-1189
		31	LF-MCMX-83513/04-E16N-FR061	C115378-1191
		37	LF-MCMX-83513/04-F16N-FR061	C115378-1193
		51	LF-MCMX-83513/04-G16N-FR061	C115378-1195

MDM Series

Micro D connectors, Wired type
MCMX - CS FR061

Pigtail versions - Description and Part Numbers

Shell plating	Contact type	Number of contacts	Wire type : 06: Pigtail length 25.4 mm mini (1" min) Uninsulated AWG 25 wire, gold plated copper alloy	
			MCMX description	P/N
Nickel plated	Pin	9	LF-MCMX-83513/03-A06N-FR061	C115378-1070
		15	LF-MCMX-83513/03-B06N-FR061	C115378-1072
		21	LF-MCMX-83513/03-C06N-FR061	C115378-1074
		25	LF-MCMX-83513/03-D06N-FR061	C115378-1076
		31	LF-MCMX-83513/03-E06N-FR061	C115378-1078
		37	LF-MCMX-83513/03-F06N-FR061	C115378-1080
		51	LF-MCMX-83513/03-G06N-FR061	C115378-1082
	Socket	9	LF-MCMX-83513/04-A06N-FR061	C115378-1071
		15	LF-MCMX-83513/04-B06N-FR061	C115378-1073
		21	LF-MCMX-83513/04-C06N-FR061	C115378-1075
		25	LF-MCMX-83513/04-D06N-FR061	C115378-1077
		31	LF-MCMX-83513/04-E06N-FR061	C115378-1079
		37	LF-MCMX-83513/04-F06N-FR061	C115378-1081
		51	LF-MCMX-83513/04-G06N-FR061	C115378-1083