

Features

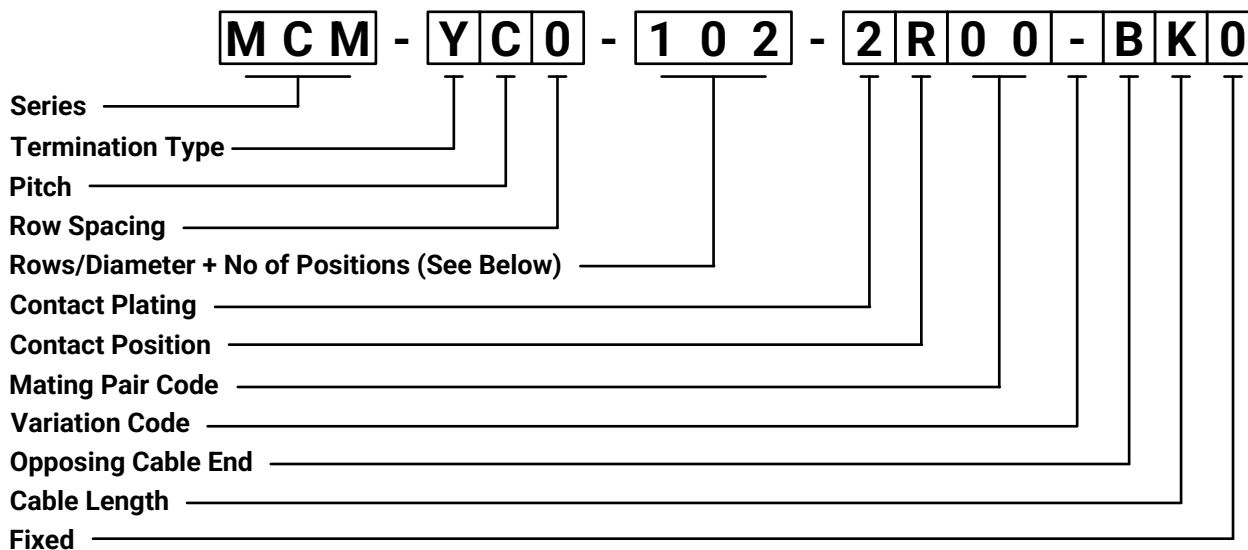
- Rectangular and circular options available
- Mechanical and magnetic polarization
- Tear-away design prevents accidental damage
- Blind-mating enables usage in tight and hard to reach places
- USB Type-C on the opposing end available upon request
- RoHS compliant



Specifications

Insulator Material	UL94V-0 Thermoplastic
Contact Material	Copper Alloy
Contact Plating	Gold
Current Rating	1.5 Amps
Contact Resistance	50 Milliohms maximum
Dielectric Withstanding Voltage	500 VAC/minute
Insulation Resistance	500 Megaohms minimum
Operating Temperature	-25°C to +60°C

Example Part Number



Rows/Diameter + No. Of Positions

Rectangular Connectors



Circular Connectors



*** Please see page 2 for options for rectangular cable assemblies
 *** Please see page 3 for options for circular cable assemblies

Rectangular Connectors

Series	Description		
MCM	Magnetic POGO Male Cable Assembly		
Termination Type	Description		
Y	Right-Angle		
Pitch	Description		
A	2.20mm		
B	2.50mm		
C	2.80mm		
Row Spacing	Description		
0	Not Applicable		
Rows + No. of Positions	Description	Number of Positions	Description
1	Single Row	02-06	Min 02 Positions ~ Max. 06 Positions
Plating	Description		
2	Gold Plating 5µ"		
Contact Position	Description		
P	Protruding From Mating Surface		
R	Recessed From Mating Surface		
Mating Pair Code	Description		
XX	Assigned by EDAC Inc. Components with same mating pair code mate with each other.		
Variation Code	Description		
(-)	Standard Part		
S	Variation of Standard Part Not Affecting Form/Fit/Function (Note 1)		
V	Variation of Standard Part Affecting Form/Fit/Function (Note 1)		
Opposing Cable End	Description		
B	USB A, 2.0		
Cable Length	Description		
H	800mm		
K	1000mm		

Ordering Notes:

1. Last three digits do not follow the standard part naming system if "S" or "V" is used. Contact EDAC for more information.

Circular Connectors

Series	Description		
MCM	Magnetic POGO Male Cable Assembly		
Termination Type	Description		
Q	Vertical		
Y	Right-Angle		
Pitch	Description		
0	Not Applicable		
Row Spacing	Description		
0	Not Applicable (For Circular and Single Row Rectangular Connectors)		
Diameter + No. of Positions	Description	Number of Positions	Description
X+Y	Refer to Table 1 and 2 for Diameter Dimensions	2	2 Positions
Plating	Description		
2	Gold Plating 5μ"		
5	Gold Plating 20μ"		
Contact Position	Description		
P	Protruding From Mating Surface		
R	Recessed From Mating Surface		
Mating Pair Code	Description		
XX	Assigned by EDAC. Components with same mating pair code mate with each other.		
Variation Code	Description		
(-)	Standard Part		
S	Variation of Standard Part Not Affecting Form/Fit/Function (Note 1)		
V	Variation of Standard Part Affecting Form/Fit/Function (Note 1)		
Opposing Cable End	Description		
B	USB A, 2.0		
Cable Length	Description		
E	500mm		
H	800mm		
V	2000mm		

Ordering Notes:

1. Last three digits do not follow the standard part naming system if "S" or "V" is used. Contact EDAC for more information.

Circular Connectors Diameter Dimensions

Table 1

Dimensions 0.0mm to 9.9mm (X+Y)			
X Code	Whole No.	Y Code	Decimal
0	0	0	0.0
1	1	1	0.1
2	2	2	0.2
3	3	3	0.3
4	4	4	0.4
5	5	5	0.5
6	6	6	0.6
7	7	7	0.7
8	8	8	0.8
9	9	9	0.9

Table 1 Code Selection Examples					
Dimension Value (mm)			Part Numbering Code		
Value	Whole No.	Decimal	X Code	Y Code	X+Y
0.5	0	0.5	0	5	05
5.8	5	0.8	5	8	58
8.0	8	0.0	8	0	80
9.9	9	0.9	9	9	99

Table 2

Dimensions 10.0mm to 29.9mm (X+Y)			
X Code	Whole No.	Y Code	Decimal
0	10	A	0.0
1	12	B	0.1
2	14	C	0.2
3	16	D	0.3
4	18	E	0.4
5	20	F	0.5
6	22	G	0.6
7	24	H	0.7
8	26	J	0.8
9	28	K	0.9
		L	1
		M	1.1
		N	1.2
		P	1.3
		Q	1.4
		R	1.5
		S	1.6
		T	1.7
		U	1.8
		V	1.9

Table 2 Code Selection Examples					
Dimension Value (mm)			Part Numbering Code		
Value	Whole No.	Decimal	X Code	Y Code	X+Y
10.0	10	0.0	0	A	0A
14.6	14	0.6	2	G	2G
19.8	18	1.8	4	U	4U
24.2	24	0.2	7	C	7C
25.5	24	1.5	7	R	7R
29.9	28	1.9	9	V	9V