

### Features

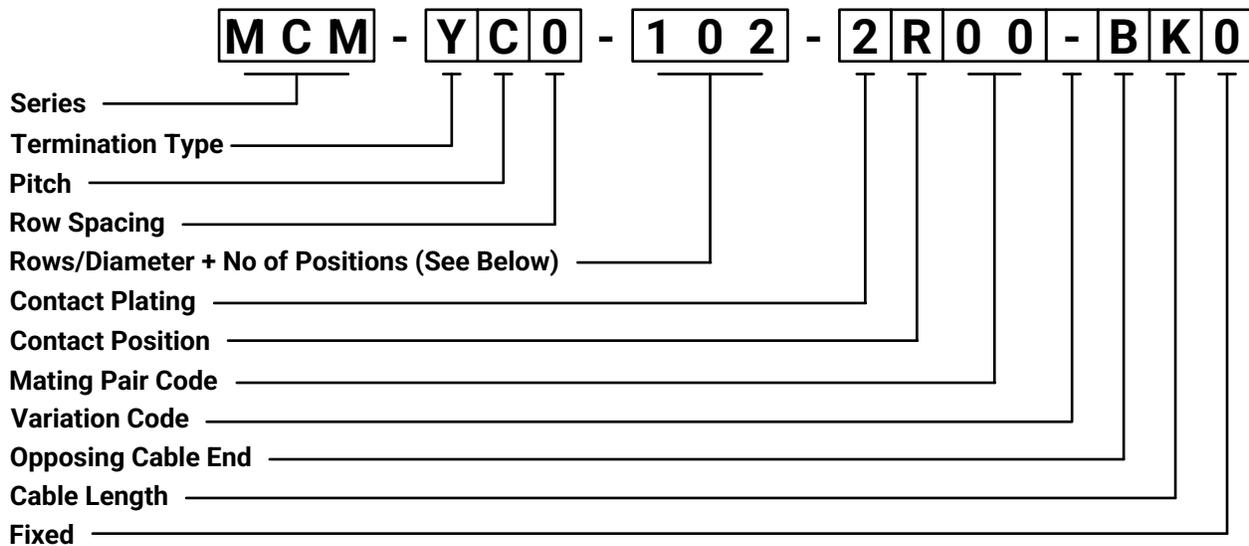
- Rectangular and circular options available
- Mechanical and magnetic polarization
- Tear-away design prevents accidental damage
- Blind-mating enables usage in tight and hard to reach places
- RoHS compliant



### 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 5 $\mu$ "		
5	Gold Plating 20 $\mu$ "		
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