

PIN #	COLOR
1	BROWN
2	BROWN / WHITE
3	BLUE
4	WHITE
5	GREEN
6	YELLOW
7	GRAY
8	PINK
9	RED
10	BLACK
11	VIOLET
12	GREEN / YELLOW

Technical drawing of the MCV-12FR connector. The front view shows a hexagonal shell with 12 pins numbered 1 through 12. The side view shows the M23X1 threaded shell and the PG13.5 cable. The wire view shows 12 wires with different colors. Dimensions are provided in inches and millimeters.

TABLE A	
P/N	L
MCV-12FR-0.15M-PG13.5	6.5"[0.15M]
MCV-12FR-0.3M-PG13.5	12"[0.3M]
MCV-12FR-0.5M-PG13.5	20"[0.5M]
MCV-12FR-0.6M-PG13.5	24"[0.6M]
MCV-12FR-1M-PG13.5	40"[1M]
MCV-12FR-2M-PG13.5	79"[2M]
MCV-12FR-3M-PG13.5	118"[3M]
MCV-12FR-4M-PG13.5	157"[4M]
MCV-12FR-5M-PG13.5	197"[5M]
MCV-12FR-10M-PG13.5	393"[10M]

OTHER LENGTHS ARE AVAILABLE
PLEASE CONSULT FACTORY

MATERIALS	
SHELL:	NICKEL PLATED BRASS
CONTACTS:	GOLD PLATED COPPER ALLOY
WIRES:	
STYLE:	UL 1007/1569
AWG:	18 AWG
JACKET:	PVC
VOLTAGE:	300V
INSERT:	PBT
O-RING:	NBR
NUT:	NICKEL PLATED BRASS

APPROVALS	
US:	UL LISTED
CANADA:	C-UL LISTED
ROHS:	YES
CE & UKCA:	YES

RATINGS	
PROTECTION CLASS:	IEC IP69

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES AND [MM]

MATERIAL

FINISH

DO NOT SCALE DRAWING

VOLTS	300V
AMPS	6A
TEMP:	105°C

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DRAWN BY		JJH
DRAWN DATE	08/30/2023	
CHECKED BY	JJH	
CHECK DATE	08/30/2023	
COMMENTS:		

MENCOM CORPORATION		
TITLE: 12 PL M23 FEM RCP PG13.5		
SIZE	DWG. NO.	REV
B	MCV-12FR-ZZ-PG13.5	A
SCALE: 2:1	WEIGHT:	SHEET 1 OF 1