

MCV 1,5/...-G-...

Headers,
plug-in direction vertical to the p.c.b.
Pitch 3.5 or 3.81

	I	U
	[A]	[V]
Connection data	8	160



Description	No. of positions	Dim. a [mm]	Type	Order No.	Pcs. Pkt.
Headers, 3.5 mm pitch, with and without threaded flange, color: green,	2	3.5	MCV 1,5/2-G-3,5	18 43 60 6	50
	3	7	MCV 1,5/3-G-3,5	18 43 80 0	
	4	10.5	MCV 1,5/4-G-3,5	18 43 62 2	
	5	14	MCV 1,5/5-G-3,5	18 43 63 5	
	6	17.5	MCV 1,5/6-G-3,5	18 43 64 8	
	7	21	MCV 1,5/7-G-3,5	18 43 65 1	
	8	24.5	MCV 1,5/8-G-3,5	18 43 66 4	
	9	28	MCV 1,5/9-G-3,5	18 43 67 7	
	10	31.5	MCV 1,5/10-G-3,5	18 43 68 0	
	11	35	MCV 1,5/11-G-3,5	18 43 69 3	
	12	38.5	MCV 1,5/12-G-3,5	18 43 70 3	
	13	42	MCV 1,5/13-G-3,5	18 43 71 6	
	14	45.5	MCV 1,5/14-G-3,5	18 43 72 9	
	15	49	MCV 1,5/15-G-3,5	18 43 73 2	
	16	52.5	MCV 1,5/16-G-3,5	18 43 74 5	
	17	56	MCV 1,5/17-G-3,5	18 43 75 8	
	18	59.5	MCV 1,5/18-G-3,5	18 43 76 1	
	19	63	MCV 1,5/19-G-3,5	18 43 77 4	
	20	66.5	MCV 1,5/20-G-3,5	18 43 78 7	
Headers, 3.81 mm pitch, with and without threaded flange, color: green,	2	3.81	MCV 1,5/2-G-3,81	18 03 42 6	
	3	7.62	MCV 1,5/3-G-3,81	18 03 43 9	
	4	11.43	MCV 1,5/4-G-3,81	18 03 44 2	
	5	15.24	MCV 1,5/5-G-3,81	18 03 45 5	
	6	19.05	MCV 1,5/6-G-3,81	18 03 46 8	
	7	22.86	MCV 1,5/7-G-3,81	18 03 47 1	
	8	26.67	MCV 1,5/8-G-3,81	18 03 48 4	
	9	30.48	MCV 1,5/9-G-3,81	18 03 49 7	
	10	34.29	MCV 1,5/10-G-3,81	18 03 50 0	
	11	38.10	MCV 1,5/11-G-3,81	18 03 51 3	

10	34.29	MCV 1,5/10-G-3,81	18 03 50 7
11	38.10	MCV 1,5/11-G-3,81	18 03 51 0
12	41.91	MCV 1,5/12-G-3,81	18 03 52 3
13	45.72	MCV 1,5/13-G-3,81	18 03 53 6
14	49.53	MCV 1,5/14-G-3,81	18 03 54 9
15	53.34	MCV 1,5/15-G-3,81	18 03 55 2
16	57.15	MCV 1,5/16-G-3,81	18 03 56 5
17	60.96	MCV 1,5/17-G-3,81	18 44 89 6
18	64.77	MCV 1,5/18-G-3,81	18 44 90 6
19	68.58	MCV 1,5/19-G-3,81	18 44 91 9
20	72.39	MCV 1,5/20-G-3,81	18 44 92 2

Accessories

(1) **Coding section**, is inserted into the slot on the header, red insulating material



CP-MSTB

17 34 63 4 100

(2) **Marker card**, with 14 pcs., 10-section marker strips, white, self-adhesive, for 140 terminal blocks

SK 3,5/2,8 or SK 3,81/2,8

(see [info 1](#), [info 2](#))

Technical data

Dimensions

see description

Pitch	[mm]	3.5 / 3.81
Pin dimensions	[mm] x [mm]	0.8 x 0.8
Hole diameter	[mm]	1.2

Technical data in accordance with IEC / DIN VDE

Insulation material group	–	IIIa
Surge voltage category / contamination class	–/– III / 3	III / 2 II / 2
Rated voltage	[V] 160	160 250
Rated surge voltage	[kV] 2.5	2.5 2.5
Nominal current	[A]	8
Maximum load current per position	[A]	8

Insulation material

PBT

Inflammability class acc. to UL 94

V0

Temperature indices RTI/Ti

140/120

Approval data (UL and CSA)

Nominal voltage / current / conductor sizes	UL: [V] / [A] / AWG	300 / 8 / –
	CSA: [V] / [A] / AWG	300 / 8 / –

Fixing screws for¹⁾

self-tapping screw

MC 1,5/...-GF or MCV 1,5/...-GF

ISO 1481-ST 2.2x4.5 C or

ISO 7049-ST 2.2x4.5 C

¹⁾ Fastening with fixing screws only possible before the solder stage

Note:

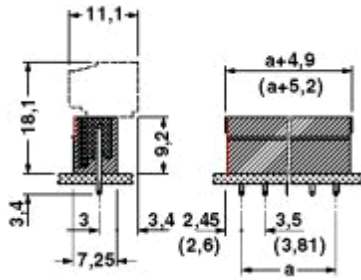
Only actuate MINI-COMBICON plug connectors when under no load condition. If for operating reasons small loads must be switched, experimental values are available on request.

Articles printed in bold can be delivered at short notice.

Products with black or gray housing available on request.

Drilling diagrams see [info](#).

Dimensional drawing



Drilling diagram

