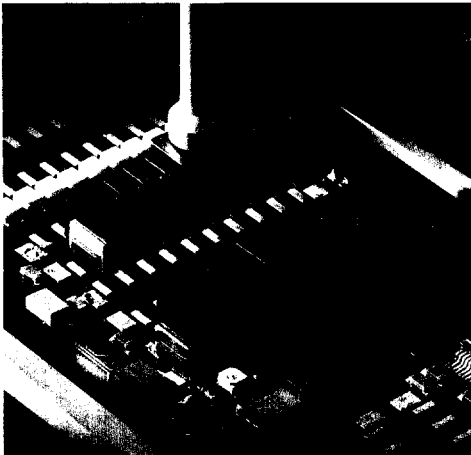


MINI-COMBICON SMD Headers, Pitch 3.81 mm



MCV 1,5/...-G-3,81-SMD is a MINI-COMBICON vertical pin strip for surface mounting. It is soldered directly onto the connection pads of the p.c.b. Two anchor clips positioned on the side of the insulation housing ensure mechanical relief of the soldering pads when the plugs are inserted and withdrawn.

The SMD pin strip was specially developed for automatic p.c.b. assembly. A centrally fitted pick-and-place pad provides a resting surface for the vacuum pipette of the component insertion machine. The pin strips are supplied in the usual bar stock magazines for SMD technology.

Since the entire component is subject to heat radiation during SMD soldering, the insulation housings are made of a plastic which is resistant to high temperatures (260 °C for 10 sec.).

For the connection of conductors up to 1.5 mm², various plugs with screw, crimp and spring force technology are available. MCV 1,5-SMD is available with 2 to 12 positions and a 3.81 mm pitch.

Note:

For manufacturing and technical reasons, only full bar stock magazines can be supplied. When ordering, please note the size of packaging.

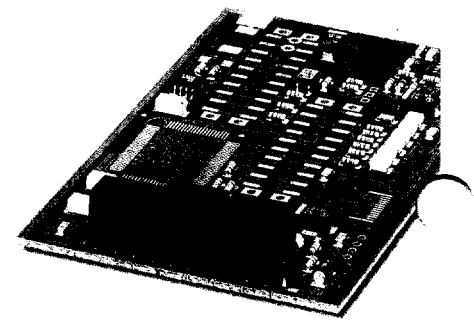
Corresponding plugs see pages 88 to 92 and 94.
Articles printed in bold can be delivered at short notice.

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.

Description	No. of positions	Dim. a [mm]
Headers for SMD connection, 3.81 mm pitch, color: black, delivery: magazined packaging	2	3.81
	3	7.62
	4	11.43
	5	15.24
	6	19.05
	7	22.86
	8	26.67
	9	30.48
	10	34.29
	11	38.10
	12	41.91

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



MCV 1,5/...-G-3,81-SMD for SMD connection technology

Pitch 3.81

Connection data

Further technical data see page 218.

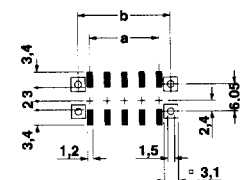
1	U
[A]	[V]
8	160

Type	Order No.	Pcs. Pkt.
MCV 1,5/2-G-3,81-SMD BK	18 52 65 5	
MCV 1,5/3-G-3,81-SMD BK	18 52 66 8	
MCV 1,5/4-G-3,81-SMD BK	18 52 67 1	
MCV 1,5/5-G-3,81-SMD BK	18 52 68 4	
MCV 1,5/6-G-3,81-SMD BK	18 52 69 7	
MCV 1,5/7-G-3,81-SMD BK	18 52 70 7	
MCV 1,5/8-G-3,81-SMD BK	18 52 71 0	
MCV 1,5/9-G-3,81-SMD BK	18 52 72 3	
MCV 1,5/10-G-3,81-SMD BK	18 52 73 6	
MCV 1,5/11-G-3,81-SMD BK	18 52 74 9	
MCV 1,5/12-G-3,81-SMD BK	18 52 75 2	

SK 3,81/2,8 (see pages 209)

No. of pos.	a [mm]	b [mm]
2	3.81	8.91
3	7.62	12.72
4	11.43	16.53
5	15.24	20.34
6	19.05	24.15
7	22.86	27.96
8	26.67	31.77
9	30.48	35.58
10	34.29	39.39
11	38.10	43.20
12	41.91	47.01

Dimensioning of the soldering areas MCV 1,5/...-G-SMD



Soldering pads MCV 1,5/...-G-SMD

