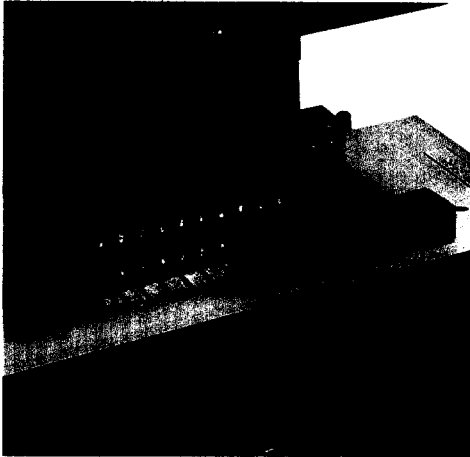


MINI-COMBICON Headers with Press-In Technology, Pitch 3.81 mm



The increasing packing density of the components to be assembled and the automation of the assembly process are inter-related. Therefore, connecting terminal blocks with press-in technology are required in particular for printed circuit boards whose remaining components are mounted using surface mounting technology.

Within the MINI-COMBICON range, the pin strips EMC 1,5 and EMCV 1,5 with a horizontal plug-in direction and a 3.81 mm pitch, are available with this assembly process, which is new for these plug connectors.

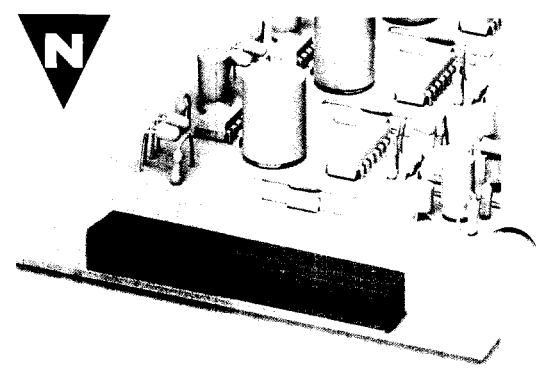
The strips with a current carrying capacity of up to 8 A are available with 2 to 16 positions.

The press-in process takes place using contact-supporting tools. For this purpose, corresponding stamp sets are offered which match the number of positions of the respective strip.

The proven ERNIPRESS zone ensures that the advantages of the elastic press-in technology are fully exploited.

Labelling is done with the self-adhesive marker strips SK 3,81/2,8.

Corresponding plugs see pages 88 to 92 and 94.
Articles printed in bold can be delivered at short notice.
Products with black or gray housing available on request.



EMC 1,5/...-G-...

Header,
plug-in direction parallel to the p.c.b.

Pitch 3.81

Connection data
Further technical data see page 218.

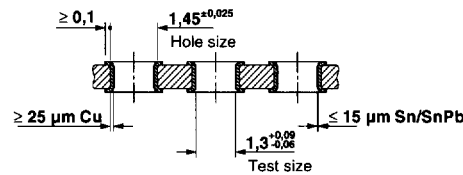
I	U
[A]	[V]
8	160

Note:

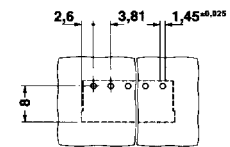
Only actuate MINI-COMBICON plug connectors when under no load condition. If for operating reasons small loads must be switched, experimental values are available on request.

Description	No. of positions	Dim. a [mm]	Type	Order No.	Pcs. Pkt.
Headers, 3.81 mm pitch, color: green, plugs see pages 88 to 92 and 94.	2	3.81	EMC 1,5/2-G-3,81	18 60 48 5	50
	3	7.62	EMC 1,5/3-G-3,81	18 60 49 8	
	4	11.43	EMC 1,5/4-G-3,81	18 60 50 8	
	5	15.24	EMC 1,5/5-G-3,81	18 60 52 4	
	6	19.05	EMC 1,5/6-G-3,81	18 60 53 7	
	7	22.86	EMC 1,5/7-G-3,81	18 60 54 0	
	8	26.67	EMC 1,5/8-G-3,81	18 60 55 3	
	9	30.48	EMC 1,5/9-G-3,81	18 60 56 6	
	10	34.29	EMC 1,5/10-G-3,81	18 60 57 9	
	11	38.10	EMC 1,5/11-G-3,81	18 60 58 2	
	12	41.91	EMC 1,5/12-G-3,81	18 60 59 5	
	13	45.72	EMC 1,5/13-G-3,81	18 60 60 5	
	14	49.53	EMC 1,5/14-G-3,81	18 60 61 8	
	15	53.34	EMC 1,5/15-G-3,81	18 60 62 1	
	16	57.15	EMC 1,5/16-G-3,81	18 60 63 4	
			CP-MSTB	17 34 63 4	
			EMC 1,5-SH	18 77 25 8	1
			EMC 1,5-SS 1	18 77 27 4	1
			SK 3,81/2,8 (see page 209)		

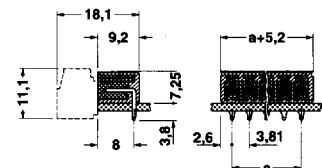
- (1) Coding section, is inserted into the slot on the header, red insulating material
- (2) Stamp holder, for upper and lower stamp
- (3) Stamp set, consisting of upper and lower stamp 2-16 positions
- (4) Marker card, with 14 pcs., 10-section marker strips, white, self-adhesive, for 140 terminal blocks

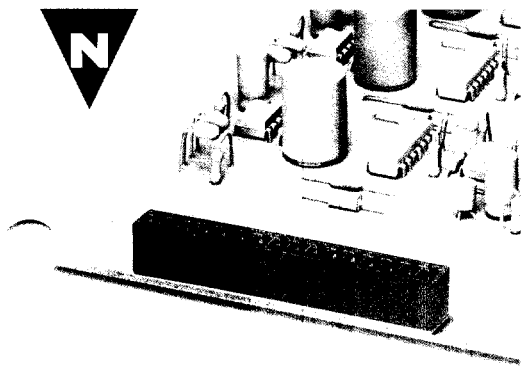


Structure of the plated bore hole for EMC 1,5/...-G-3,81 and EMCV 1,5/...-G-3,81



Drilling diagram EMC 1,5/...-G-3,81 (2-16 positions), min. printed circuit board thickness: 1.5 mm.





EMCV 1,5/...-G-...

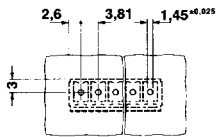
Header,
plug-in direction vertical to the p.c.b.

Pitch 3.81

I	U
[A]	[V]
8	160

Connection data
Further technical data see page 218.

Type	Order No.	Pcs. Pkt.
EMCV 1,5/2-G-3,81	18 60 64 7	50
EMCV 1,5/3-G-3,81	18 60 65 0	
EMCV 1,5/4-G-3,81	18 60 66 3	
EMCV 1,5/5-G-3,81	18 60 67 6	
EMCV 1,5/6-G-3,81	18 60 68 9	
EMCV 1,5/7-G-3,81	18 60 69 2	
EMCV 1,5/8-G-3,81	18 60 70 2	
EMCV 1,5/9-G-3,81	18 60 71 5	
EMCV 1,5/10-G-3,81	18 60 72 8	
EMCV 1,5/11-G-3,81	18 60 73 1	
EMCV 1,5/12-G-3,81	18 60 74 4	
EMCV 1,5/13-G-3,81	18 60 75 7	
EMCV 1,5/14-G-3,81	18 60 76 0	
EMCV 1,5/15-G-3,81	18 60 77 3	
EMCV 1,5/16-G-3,81	18 60 78 6	
CP-MSTB	17 34 63 4	
EMC 1,5-SH	18 77 25 8	1
EMC 1,5-SS 1	18 77 27 4	1
SK 3,81/2,8 (see page 209)		



Drilling diagram EMCV 1,5/...-G-3,81 (2-16 positions),
min. printed circuit board thickness: 1.5 mm.

