

Allgemeingültige Kundenzeichnung, aktueller Stand nur auf Anfrage  
General customer drawing, topical version only if required

Showen: MHS 7.5/04 W T

Technical drawing of a four-bladed gear assembly. The drawing shows four identical gear components arranged in a row. Each gear has a central circular feature with a square hole and a rectangular protrusion. The assembly is mounted on a horizontal plate with four cylindrical pins. Dimension lines indicate the following measurements: the total width of the assembly is  $L1+6.4$ ; the distance between the centers of the first and second gears is  $L1+0.252"$ ; the width of one gear is  $L1$ ; the height of the assembly is  $5.45$ ; the thickness of the plate is  $0.215"$ ; the width of one gear is  $P$ ; and the distance between the centers of the third and fourth gears is  $3.5$ , which is equivalent to  $0.138"$ . Part number **1** is indicated on the first gear.

A cross-sectional diagram of a microfluidic device. It features four parallel channels. Each channel has a vertical inlet on the left and a vertical outlet on the right. The channels are interconnected by a network of horizontal and vertical lines, forming a central chamber. The bottom of the central chamber is at the same level as the outlets, while the inlets are at a higher level. The entire structure is supported by a base with four rectangular feet.

### Hole pattern using MPS 5 with middle flange lev

For the mounting of PCBs, it should be noted that the rated data relates only to the PCB components alone.

The necessary creepage and clearance paths must be observed in connection with the respective applicant in accordance to IEC 664 / VDE 0110.

The current-carrying capacity and pitch tolerance is to be determined according to DIN IEC 326 part 3 very fine

Weidmueller PCB components are tested according to the DIN EN 61984 or to the DIN EN 60947-7-4 standard, and are valid for its field of application.

and are valid for its field of application. Provided that the components are used to the intended purpose, all requirements with respect to the occurring of electrical, mechanical, thermic and corrosive stress will be satisfied.

Technical drawing of a rectangular metal component with a central slot. The drawing includes the following dimensions:

- Height: 3.2" (0.126")
- Width: 12.15" (0.478")
- Slot width: 0.478"
- Slot height: 10.9" (0.429")
- Slot depth: 0.429"
- Bottom width: 14" (0.551")

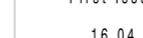
The slot contains the text "MHS >PA9T< e9us".

Hole pattern using MPS 5 with middle flange lever

Outer side of the PCB

Further dim. & info. see data sheet

8	52.50	2.067	22.60	0.890
7	45.00	1.772	22.60	0.890
6	37.50	1.476	15.10	0.594
5	30.00	1.181	15.10	0.594
4	22.50	0.886	7.60	0.299
3	15.00	0.591	7.60	0.299
2	7.50	0.295	0.10	0.004
n Poles	L1 [mm]	L1 [inch]	X [mm]	X [inch]

	First Issue Date 16.04.2021	Prim PLM Part No.: .		Prim ERP Part No.: .	
		Max. nos.			
		Modification		Drawing no. Sheet 2 of 2 sheets	
		Date	Name	MHS 7S/... W T3 ...	
Drawn		16.04.2021	Tauber-Reglin,		
Responsible					
Scale: 3/1	Size: A3	Approved	29.04.2021	Sapina, Svetos	
Drawings Assembly					
Product file:					

MHS 7S/... W T3 ...

Product file: