

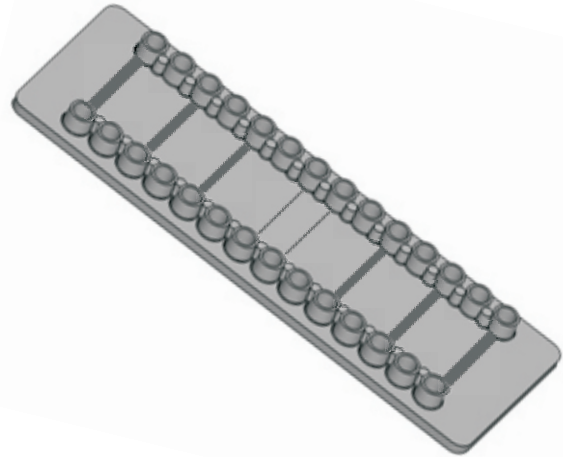
LCS0109

linear channel slide



Main features

- 8 straight channels
- Various geometries
- Made of transparent plastic
- Slide format



The chip features 5 straight channels of different cross sectional areas. The slide is made from cyclo-olefin copolymer COC, which combines excellent optical properties with biocompatibility

and good chemical resistance to most acids and bases. The channels are covered with a thin COC foil.

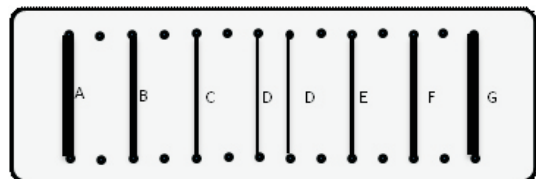
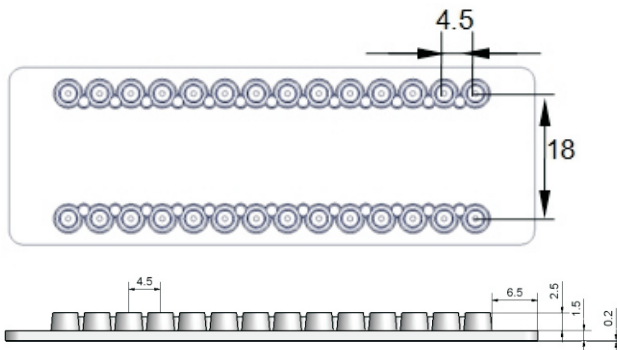
Technical specifications

max. inlet pressure (at 20° C)	min. 6000 hPa (~87psi)
operating temperature	10° - 50° C
media temperature	10° - 50° C
material	COC (Topas®)
Slide footprint	25.5 x 75.5 mm

Channel dimensions (width* x depth)

A	500 µm x 300 µm
B	200 µm x 200 µm
C	100 µm x 100 µm
D	50 µm x 50 µm
E	100µm x 50 µm
F	200µm x 50 µm
G	300µm x 50 µm

* at max. width. The slide walls are tapered (~7°)



(all dimensions in mm)

Order information

Description	Order code	Quantity
Linear Channel Slide (LCS0109)	100182	1

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Specifications may be subject to change without further notice.