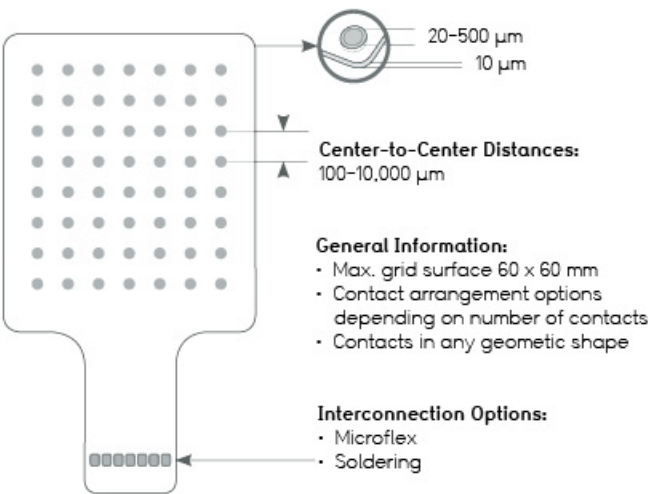


Custom MEMS Micro Grids

Polyimide electrodes can be manufactured with very small contacts on a very small surface. As the grids are also very thin, they are ideal for high-resolution applications even on the longer term. Please find below the specifications describing the range of design parameters in which polyimide grids are available.

Please contact us with your specific design request.

Flexible multi-channel electrode arrays for recording and stimulation of the brain can be manufactured in highest resolutions using MEMS technology. Manifold designs are available according to the specifications below.



Parameter	Size (mm)
Contact Diameter	0.02 – 0.5
Center-to-Center Distances	0.1 – 10
Contact Material	Platinum Iridium Oxide

Parameter	Size (mm)
Surface	Maximum grid surface 60 x 60 mm
Interconnection Options	Microflex Soldering
Minimum Grid Thickness	0.01



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