

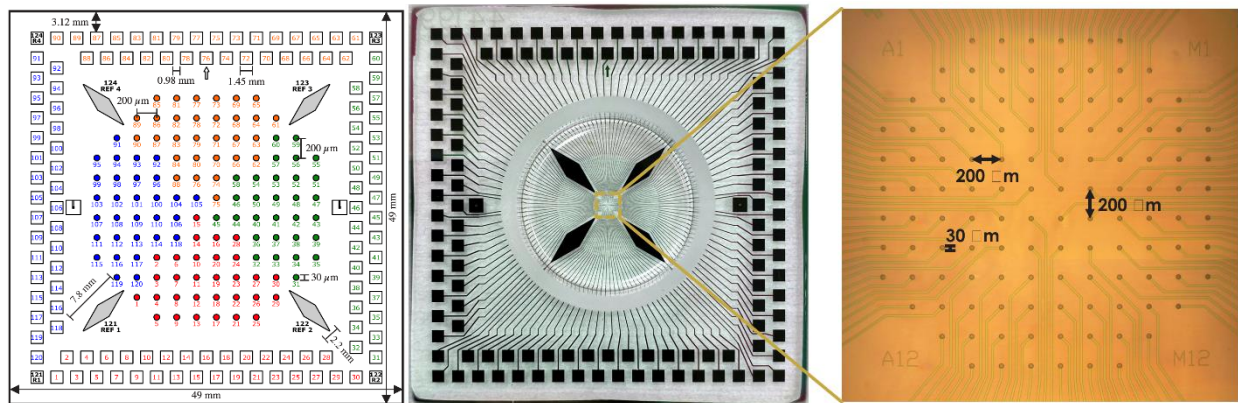


bmseed

BioMedical
Sustainable Elastic Electronic Devices

Technical Specification Sheet

124gMEA-30-200-4iR-Ti



Features and Benefits

- **Recording & stimulation** of extracellular electrophysiological activity
- Excellent **signal-to-noise ratio**
- **Transparent substrate** to view specimens under a microscope
- **Compatibility** with BMSEED and MultiChannel Systems data acquisition system

Contact us today for more information!

Technical Specifications	
Temperature Compatibility	0-125°C
Overall Dimensions (W × D × H)	49 mm × 49 mm × 1 mm
Substrate and Encapsulation Material	Glass
Electrode Material	Titanium Nitride (TiN)
Contact Pad Material	Titanium Nitride (TiN)
Well Inner Diameter and Material	19 mm, glass
Thickness of the MEA (substrate)	1 mm
Electrode Diameter	30 μm
Interelectrode Distance (center-to-center)	200 μm (adjacent)
Electrode Impedance	<100 kΩ
Number of Recording Electrodes	120
Number of Reference Electrodes	4 internal reference electrode
Area of Recording Sites	2.23 mm × 2.23 mm
Maximum Strain and Strain Rate	n/a (cannot stretch)
Product Number	11-51210

BMSEED

245 W 2nd St, STE 051-052
Mesa, AZ 85201
United States

Contact: Oliver Graudejus

+1 609 532 9744

oliver@bmseed.com

www.bmseed.com

Product information
is subject to change
without notice.