

## Product Information and Installation Guideline

Technical challenges during high-volume assembly of printed circuit boards can jeopardize the integrity of MEMS microphones - leading to performance degradation, significant yield losses and higher manufacturing costs.

### Style 200 — for microphone manufacturers

- Can be installed inside the MEMS microphone during the microphone packaging process.
- Parts digitally mapped in a wafer format.
- Compatible with high speed die attach equipment.



#### Product Performance Characteristics

Part number	VP0002MPN
Membrane Type	ePTFE
Membrane Characteristic	Oleophobic
Membrane Color	White
Min. Airflow	6 L/hr @ 12 mbar
Adhesive Temp Resistance	Max. 280 °C for 40 sec
Particle Retention	99% for 5 µm

#### Dimensions

##### Vent

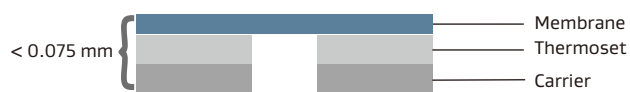
Outer/Inner Diameter	1.1 mm / 0.7 mm
Typical Thickness	0.053 mm

##### Wafer Loop

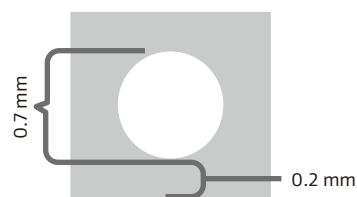
Format	Standard 8 inch metal
Pick Area	200 mm
Quantity Per Hoop	8880 pieces

#### Design

##### Individual Layers

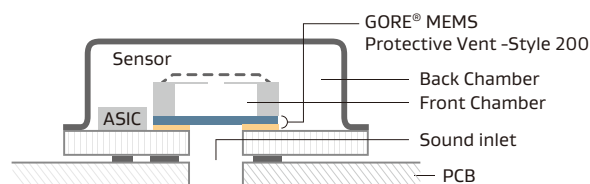


##### Approximate Dimensional Limitations

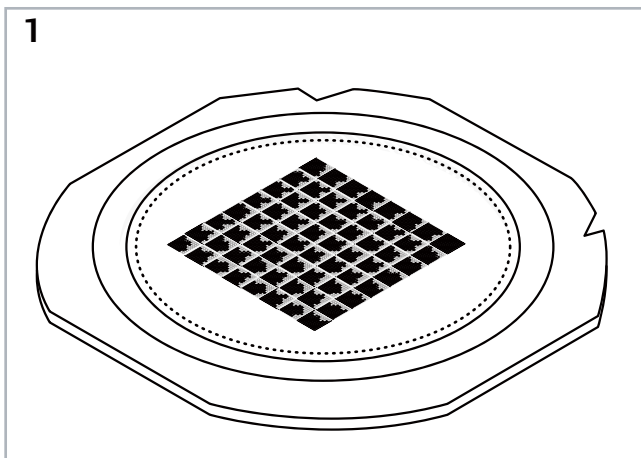


#### Placement of Vent

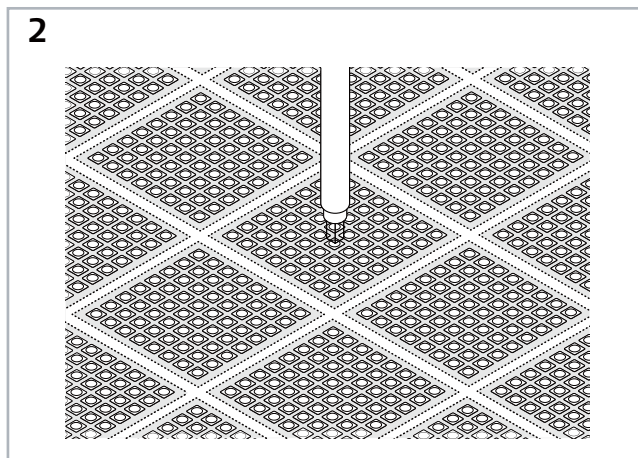
##### Bottom Port



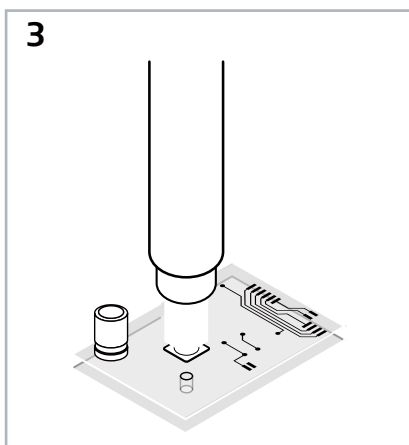
## Installation guideline



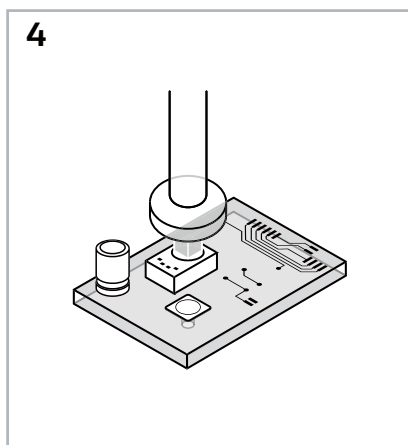
The Style 200 vent is provided digitally mapped in a wafer format



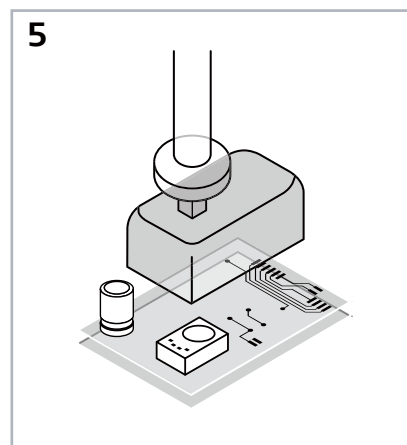
The nozzle picks up the Gore vent by vacuum



The nozzle places the Gore vent onto the PCB



The nozzle moves into position and attaches the MEMS die



The nozzle moves into position and attaches the housing

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