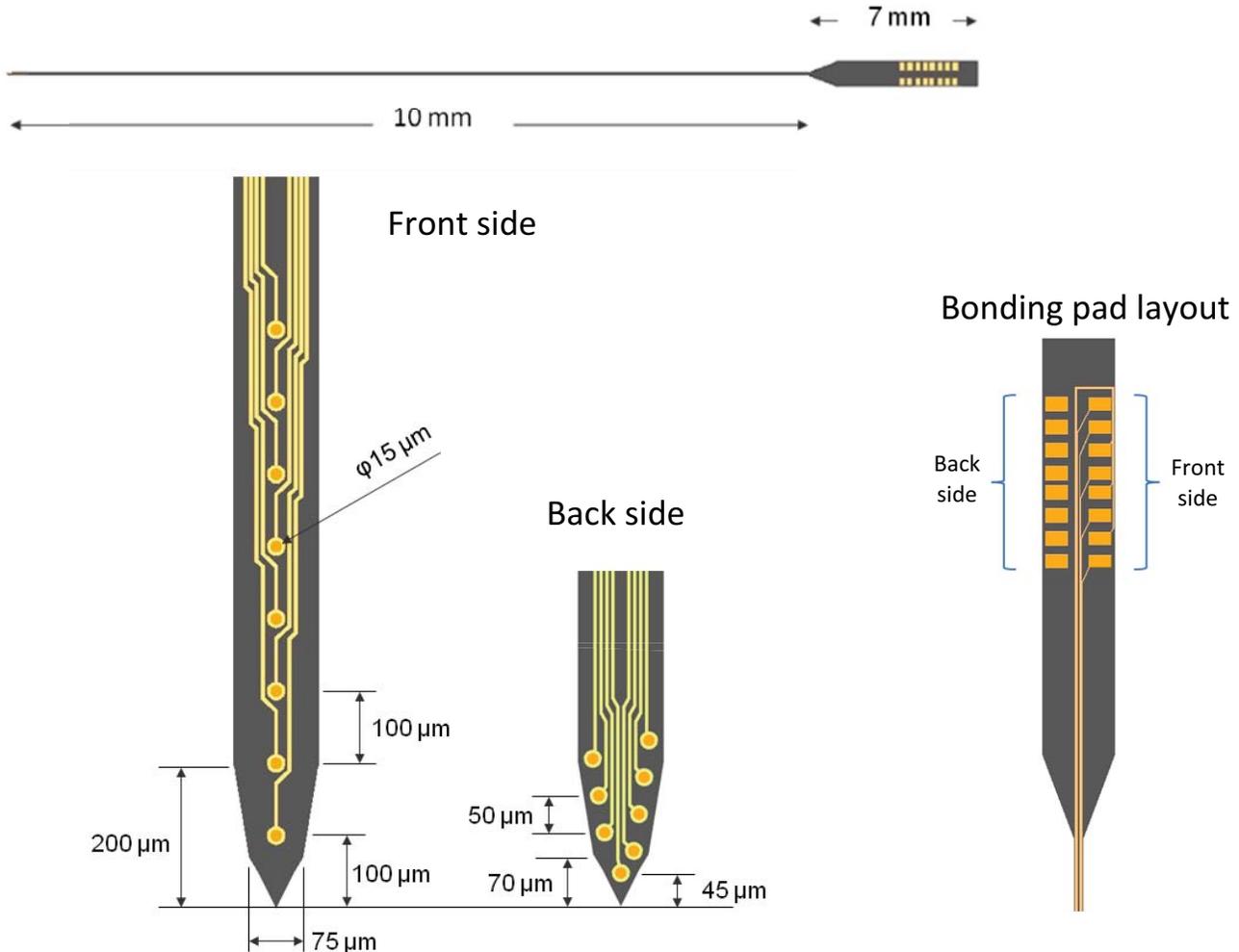


Neuronode100 is the bilateral multichannel Si brain probe developed by T-microtec's 3DIC & MEMS process technology. The Neuronode100 integrates electrode sites on both Front and Back side for more effective signal recording and stimulation.

Substrate material	Silicon
Electrode site material	Ir (Pt or Au optional)
Site diameter	10, 15 or 30 μm
Probe thickness	50 μm
Probe length	5, 10, 20, 33 mm or Custom
Probe width	200 μm (tapering)
Channel count	Front 16 / back 16 Total 32
Number of Shank	1 or 4
Probe package	Acute or Chronic

Every probe parameter, such as dimension, length, thickness, electrode site location, shape and number, shank number, etc. is customizable to meet specific experiment

Overview (1 shank)



Tohoku-MicroTec Co., Ltd. (<http://www.t-microtec.com>)

Japan Headquarter

6-6-40 Aza-Aoba Suite 203, Aramaki, Aoba-ku, Sendai, 980-8579 Japan

Phone: +81-22-398-6264, Fax: +81-22-398-6265

info@t-microtec.com

US Office

135 Rio Robles East Unit 160, San Jose, CA 95134 USA

Phone: 408-464-7972

hasegawa@t-microtec.com