

# 1. KD-Si-1\*16

Kedou (Suzhou) Brain-Computer Technology Co., Ltd.

Address: A12, Headquarters Economic Park, No.160, Taiyang Road, Huangqiao Street, Xiangcheng District, Suzhou, Jiangsu, China

Tel: :0086-051266101401

Email: [kedou@kedoubc.com](mailto:kedou@kedoubc.com)

## Electrode type: Single-electrode-16

Electrode channel: 16

Electrode configuration: 1×16

Electrode length: 3.8mm

Electrode site diameter: 15 μm

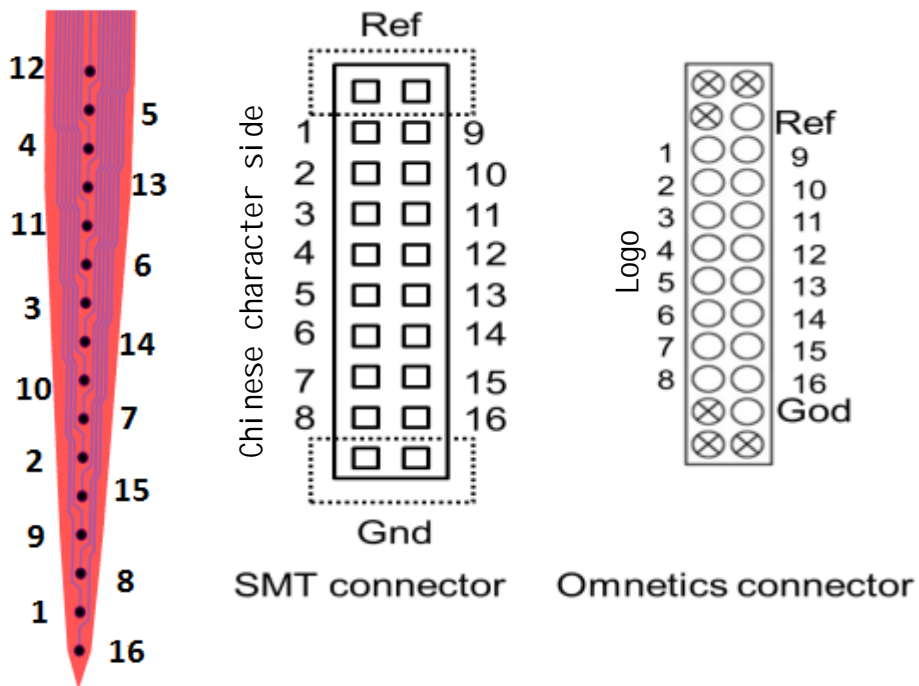
Electrode site spacing: 50 μm

Spacing between the first site and the tip: 50 μm

Electrode site material: IrOx

Connector type and the Recording Channel Pinout Instruction:

SMT connector       Omnetics connector



## 2. KD-Si-T-4\*8-10

Kedou (Suzhou) Brain-Computer Technology Co., Ltd.

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Electrode type: Tetrode-electrode-32

Electrode channel: 32

Electrode configuration: 4×8

Electrode length: 10mm

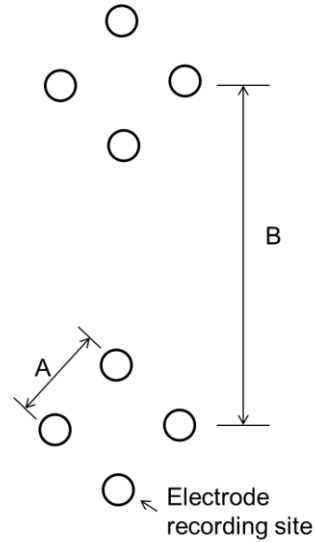
Probe spacing: 200um

Electrode site diameter: 20um

A spacing: 25um

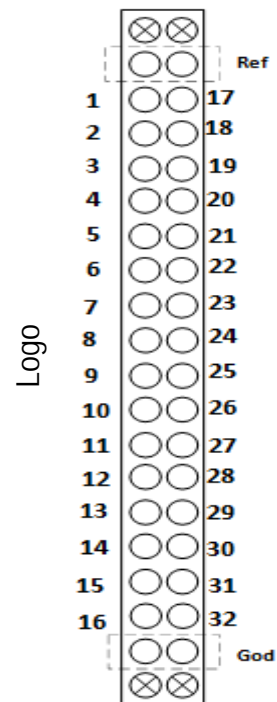
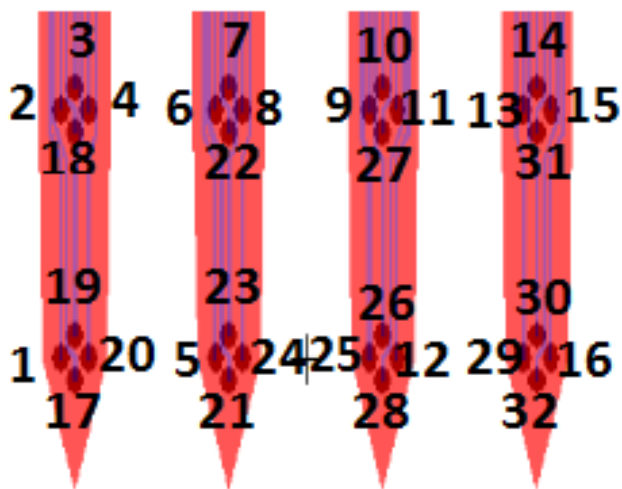
B spacing: 200um

Spacing between the first site and the tip: 105um



Electrode site material: IrOx

Omnetics connector



### 3. KD-Si-1\*32-10

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Electrode type: Single-electrode

Electrode channel: 32

Electrode configuration: 1×32

Electrode length: 10mm

Electrode site diameter:  15 μ m     30 μ m

Electrode site spacing: 50 μ m

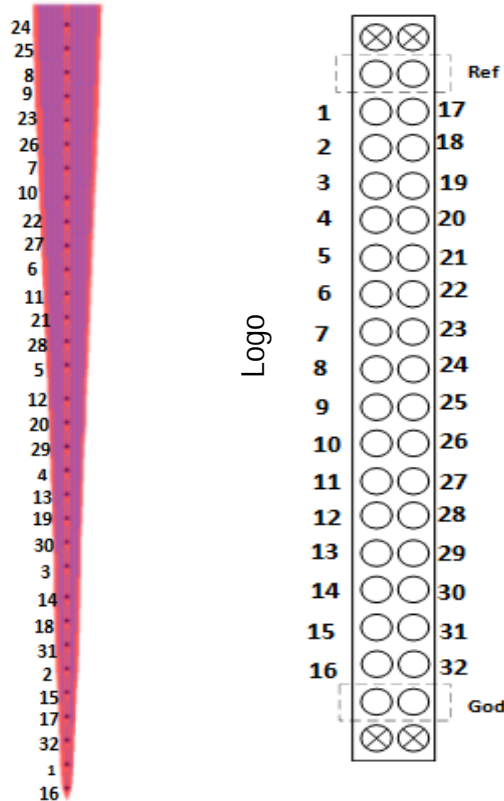
Spacing between the first site and the tip: 50 μ m

Electrode site material: IrOx

Connector type and the Recording Channel Pinout Instruction:

Omnetics

connector



## 4. KD-Si-2\*16-10

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Electrode type: Single-electrode

Electrode channel: 32

Electrode configuration: 2×16

Electrode length: 10mm

Electrode site diameter:  15  $\mu\text{m}$   30  $\mu\text{m}$

Probe spacing: 300  $\mu\text{m}$

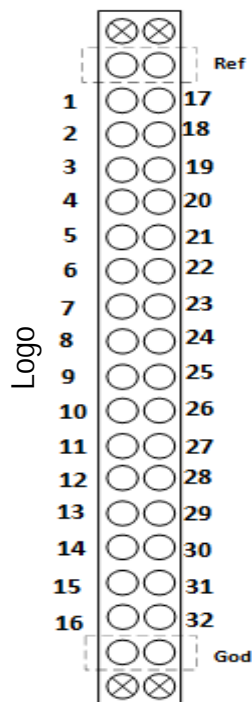
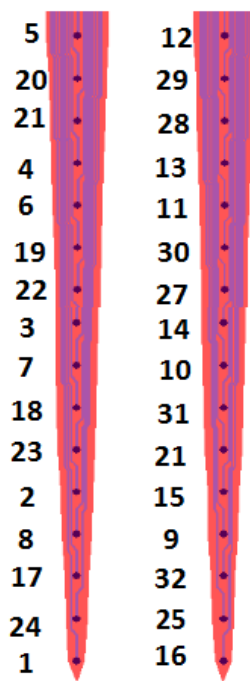
Electrode site spacing: 100  $\mu\text{m}$

Spacing between the first site and the tip: 50  $\mu\text{m}$

Electrode site material: IrOx

Connector type and the Recording Channel Pinout Instruction:

Omnetics connector



## 5. KD-Si-4\*8-10

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Electrode type: Single-electrode

Electrode channel: 32

Electrode configuration: 4×8

Electrode length: 10mm

Electrode site diameter:  15  $\mu\text{m}$      30  $\mu\text{m}$

Probe spacing: 200  $\mu\text{m}$

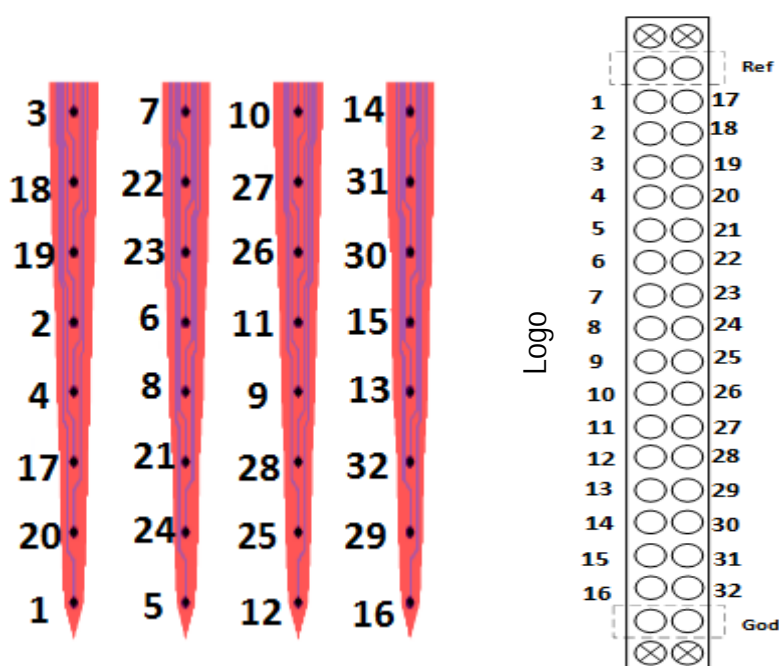
Electrode site spacing: 100  $\mu\text{m}$

Spacing between the first site and the tip: 50  $\mu\text{m}$

Electrode site material: IrOx

Connector type and the Recording Channel Pinout Instruction:

Omnetics connector



## 6. KD-Si-T-4\*16-8

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Electrode type: Tetra-electrode

Electrode channel: 64

Electrode configuration: 4×16

Electrode length: 8mm

Probe spacing: 200μm

Electrode site diameter: 12.4μm

A spacing: 25μm

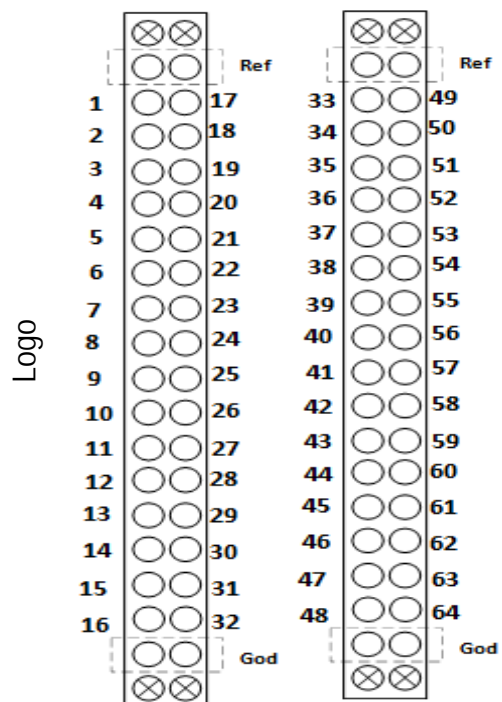
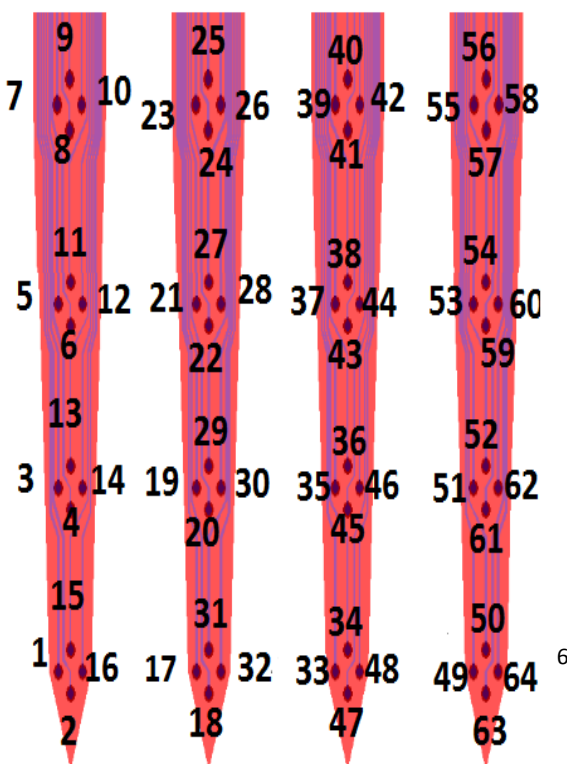
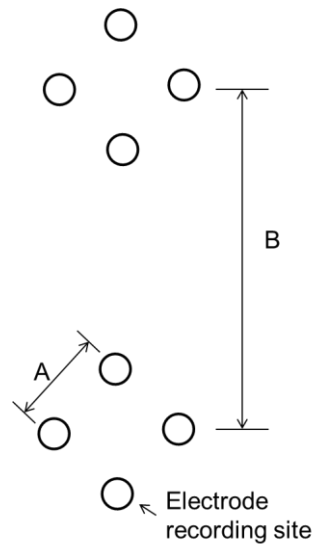
B spacing: 150μm

Spacing between the first site and the tip: 78μm

Electrode site material: IrOx

Connector type and the Recording Channel Pinout Instruction:

Omnitronics connector



## 7. KD-Si-2\*8-5/KD-Si-2\*8-10

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Electrode type: Single-optical fiber electrode

Electrode channel: 16

Electrode configuration: 2×8

Electrode length:  5mm(KD-Si-2\*8-5)       10mm(KD-Si-2\*8-10)

Electrode site diameter: 20um

Probe spacing: 200um

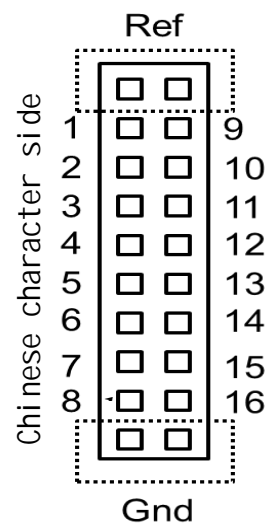
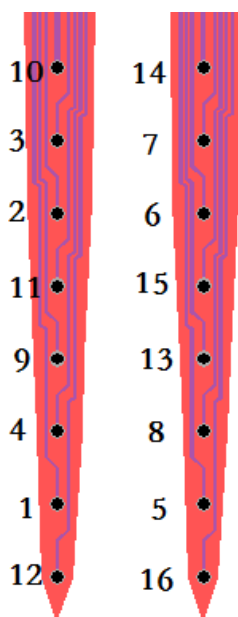
Electrode site spacing: 100um

Spacing between the first site and the tip: 60um

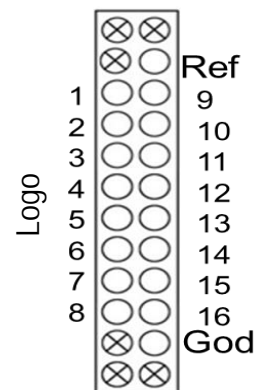
Electrode site material: IrOx

Connector type and the Recording Channel Pinout Instruction:

SMT connector       Omnetics connector



SMT connector



Omnetics connector

## 8. KD-Si-4\*4-5/KD-Si-4\*4-10

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Electrode type: Single-electrode

Electrode channel: 16

Electrode configuration: 4×4

Electrode length:  5mm (KD-Si-4\*4-5)       10mm (KD-Si-4\*4-10)

Electrode site diameter: 20um

Probe spacing: 125um

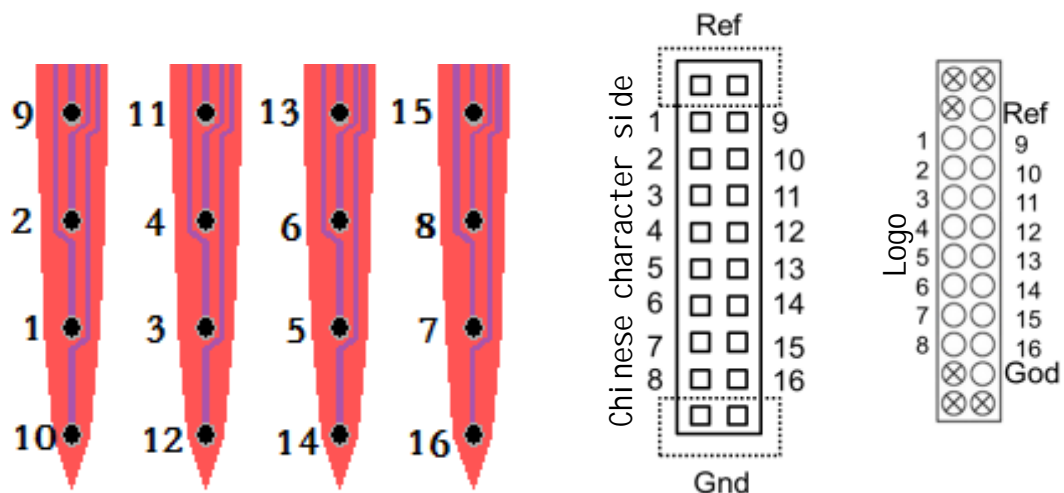
Electrode site spacing: 100um

Spacing between the first site and the tip: 50um

Electrode site material: IrOx

Connector type and the Recording Channel Pinout Instruction:

SMT connector       Omnetics connector



SMT connector      Omnetics connector



## 9. KD-Si-1\*8-5/KD-Si-1\*8-10

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Electrode type: Single-electrode

Electrode channel: 8

Electrode configuration: 1×8

Electrode length:  5mm (KD-Si-8-5)  10mm (KD-Si-8-10)

Electrode site diameter: 20um

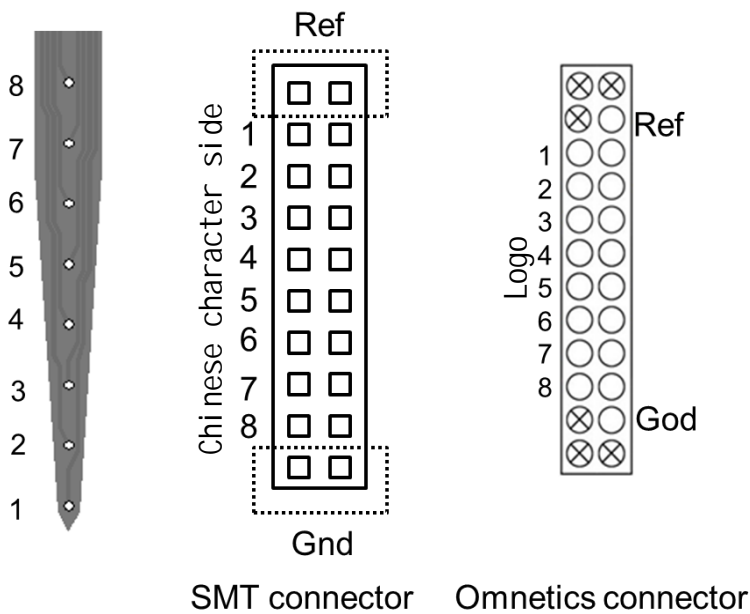
Electrode site spacing: 200um

Spacing between the first site and the tip: 80um

Electrode site material: IrOx

Connector type and the Recording Channel Pinout Instruction:

SMT connector  Omnetics connector



# 10. KD-Si-T-2\*8-5/KD-Si-T-2\*8-10

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Electrode type: Tetrode-electrode

Electrode channel: 16

Electrode configuration: 2×8

Electrode length:  5mm (KD-Si-T-2\*8-5)  10mm (KD-Si-T-2\*8-10)

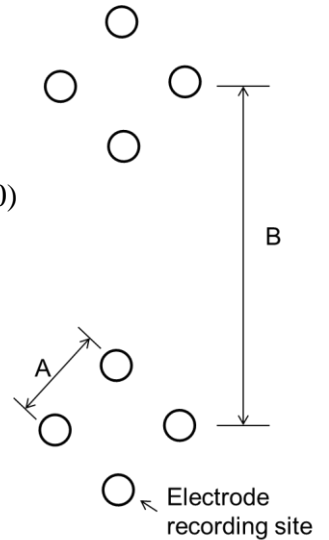
Probe spacing: 150um

Electrode site diameter: 15um

A spacing: 25um

B spacing: 150um

Spacing between the first site and the tip: 100um



Electrode site material: IrOx

Connector type and the Recording Channel Pinout Instruction:

SMT connector  Omnetics connector

