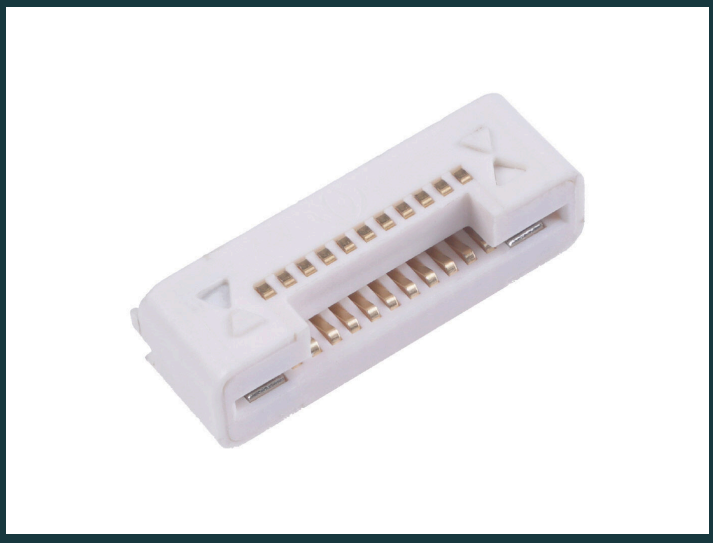
seeed studio

INDUSTRIAL PRODUCT DATASHEET

DIY magnetic connector-3 sided magnetic attraction with eleven 1.5mm spaced pins

Compact magnetic connector with strong N52 magnet, 3-sided attraction, and 1m drop resistance, compliant with RoHS, UL94V-0, and EN71, suited for smart wearable devices, smart home, medical equipment, automation, industrial...

SKU	UPDATED	PRICE
320990444	2026-10-23 03:08:41	$3.90(Excl. VAT)



Overview



This magnetic connector offers strong N52 magnetic attraction, 3-sided flexible connection, 1m drop resistance without breaking or detaching from the PCB, and a compact 28.5*9.5*8mm design compliant with RoHS, UL94V-0, and EN71. It is suitable for smart wearable devices, smart home, medical/automation/industrial equipment, 3C consumer products, and automotive in-vehicle navigation.

Key Features

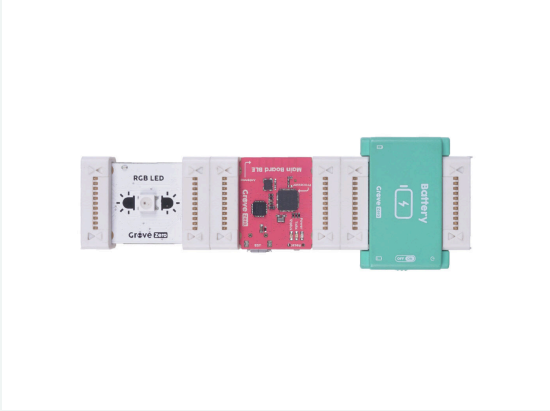
- **Strong Magnetic Attraction:** Uses a powerful N52 magnet
- **Flexible connection:** 3-sided magnetic attraction
- **Robust Mechanical Behavior:** Drops from a height of 1m and will not break or fall off of the PCB board
- **Small-Design:** 28.5*9.5*8mm, perfect for wearable devices
- **Production Compliance:** RoHS, UL94V-0, and EN71 toy testing standard compliant

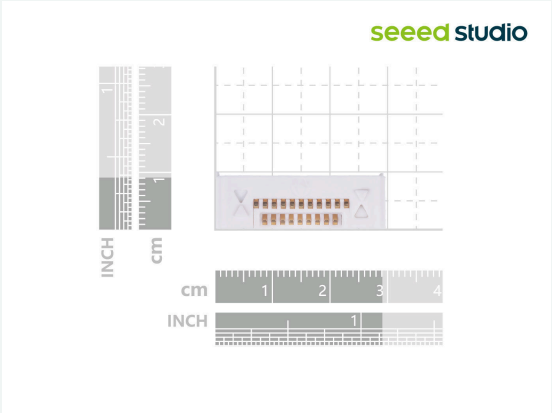
Product Gallery











Specification

Terminal	Phosphor bronze C5210R-H, T=0.15
Plastic body	PBT 30% G.F

Magnet	N52
3-sided magnetic attraction	0.5kg Min
Pull our force from the PCB board	1kg Min
Voltage	12V
Current	1A
Insulation resistance	100MΩ
Contact resistance	50mΩ
Buckle Strength	≥2Kg

Applications

- **Smart wearable devices**
- **Smart home**
- **Medical equipment, automation, and industrial equipment**
- **3C consumer products**
- **Automotive, in-vehicle navigation**

Compliance & Logistics

HSCODE	/
USHSCODE	8536904000
UPC	
EUHSCODE	8536909500
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Grove-Zero-magnetic-connector-p-5191.html

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