

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of IRS-B210ST01-R1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=IRS-B210ST01-R1

IRS-B210ST01-R1



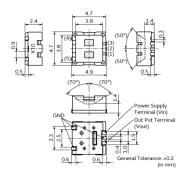






Appearance & Shape







Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------------|
| R1 | Reel | 2000 |



Features

SMD type

1 of 3

Attention

- 1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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Specifications

| Shape | SMD |
|--------------------------------|-----------------------------|
| Electrode | (1.2x0.85mm)x2 |
| Responsivity(typ.) | 3.6mV |
| Supply Voltage Range | 2V to 15V |
| Field of View | theta1=50deg.,theta2=70deg. |
| Operating Temperature Range | -40°C to 70°C |
| Storage Temperature Range | -40°C to 85°C |

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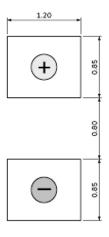
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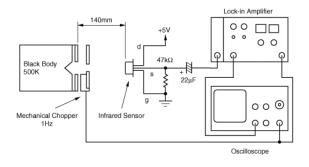
Product Data



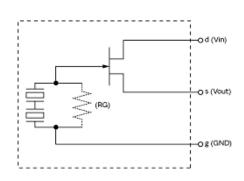
(in mm)

100 Transmission Ratio (%) 70 60 50 40 30 20 10 4500 4000 3500 3000 2500 2000 1750 1500 1250 1000 750 500 Wave Number (cm-1)

Pyroelectric Element



Filter characteristics



Test system of Responsivity

Circuit diagrams

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