

Note: This datasheet may be out of date.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-gb/products/productdetail?partno=IRS-B210ST01-R1

IRS-B210ST01-R1



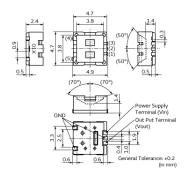






Appearance & Shape







Packaging Information

Packaging	Specifications	Standard Packing Quantity
R1	Reel	2000



Features

SMD type

1 of 3

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- 2. This datasheet has only typical specifications because there is no space for detailed specifications.
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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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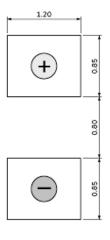


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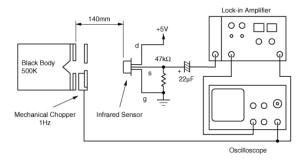




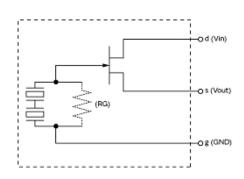
(in mm)

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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