

## IRA-S210ST01

● To be discontinued

### IRA-S210ST01



Last Time Order Due	End of Production	Alternative Products
3/31/2027	9/30/2027	

### Applications

Unsuitable Applications	Please be sure to read and comply with these <a href="#">"Precautions for use"</a> .
Specific Applications	<b><u>Consumer equipment</u></b> Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	For Wall, Indoor, Intrusion detection, Light, Security Equipment

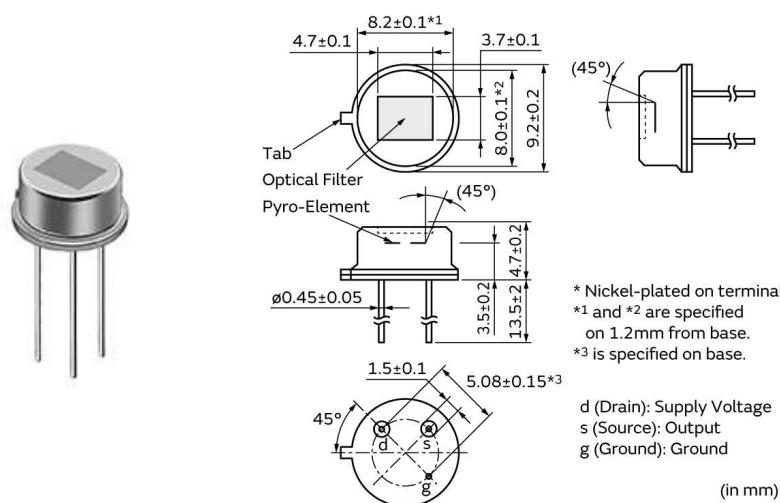
### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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 datasheet 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.

## IRA-S210ST01

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.  
Please download the latest datasheet of IRA-S210ST01 from the official website of Murata  
<https://pim.murata.com/en-global/pim/details/?partNum=IRA-S210ST01>

## Appearance &amp; Shape



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## Specifications

Shape	Lead
Output Type	Analog
Electrode	(2.0x1.0mm)x2
Sensitivity	4.6mV
Supply Voltage	2 ~ 15V
Field of View	X-axis/Y-axis=45deg.
Operating Temperature	-40 ~ 70°C
Storage Temperature	-40 ~ 85°C
Dimensions	TO-5(φ9.2x4.7mm)

How to use the evaluation board, amplifier circuit design example (circuit sample)

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### Features

Excellent Sensitivity & S/N ratio (Signal/Noise)

Excellent Quality

### References

Packaging	Specifications 	Standard Packing Quantity
-	Box	100

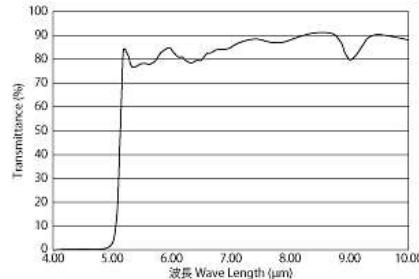
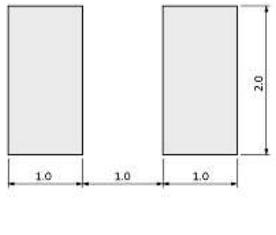
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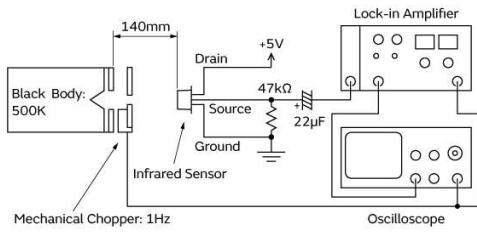
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## Product Data



Pyroelectric Elements(Electrode Dimension)

Optical Filter characteristics



Test system of Responsivity

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