

# IRA-S210ST01

In Production

Recommended

RoHS

REACH

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment 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	Intrusion detection, Security Equipment, Light

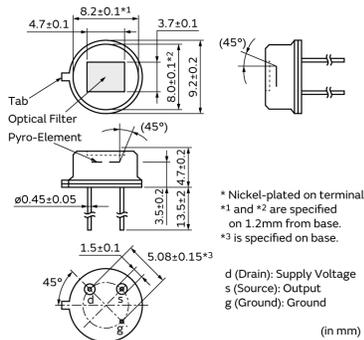
## Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	Box	100

## Features

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

## Appearance & Shape



### Attention

- 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.
- 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

## Specifications

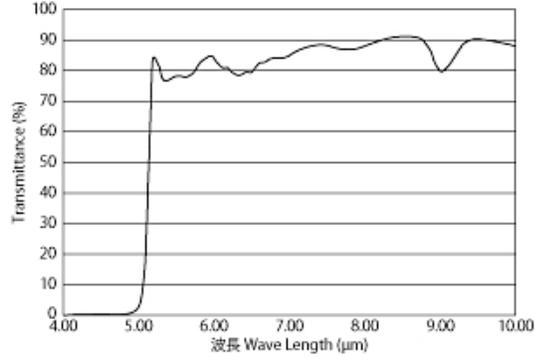
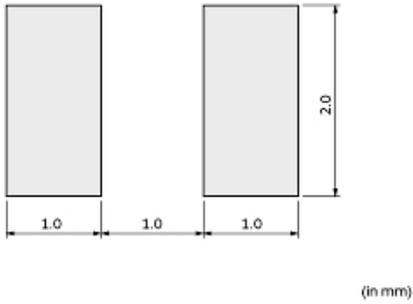
Operating Temperature Range	-40°C to 70°C
Shape	Lead
Field of View	theta1=theta2=45deg.
Electrode	(2.0x1.0mm)x2
Responsivity(typ.)	4.6mV
Optical Filter	5micro meter Long Pass
Supply Voltage Range	2V to 15V
Storage Temperature Range	-40°C to 85°C

### 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 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.

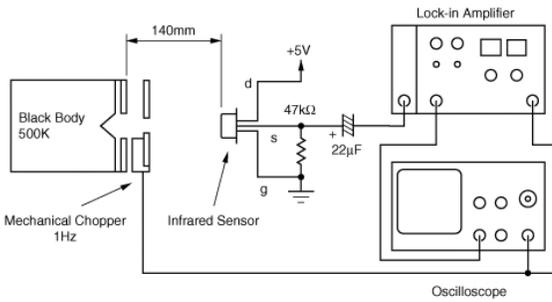
# IRA-S210ST01

## Product Data



Pyroelectric Element

Filter characteristics



Test circuit

**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 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.