

IRA-S410ST01





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-S410ST01 from the official website of Murata

<http://www.murata.com/en-us/products/productdetail?partno=IRA-S410ST01>

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, Indoor, High sensitivity

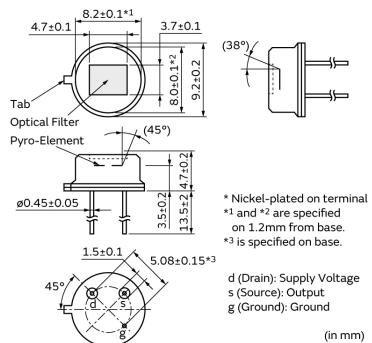
Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	Box	100

Features

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

Appearance & Shape



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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.

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Specifications

Shape	Lead
Dimensions	TO-5(φ9.2x4.7mm)
Output Type	Analog
Electrode	(2.3(gap0.3)x1.0mm)x2
Responsivity(typ.)	7.0mV
Supply Voltage Range	2V to 15V
Field of View	X-axis = 38deg., Y-axis=45deg.
Operating Temperature (°C)	-40°C to 70°C
Storage Temperature Range	-40°C to 85°C

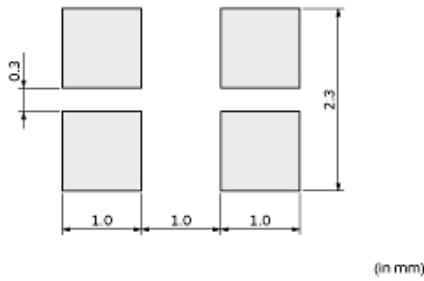
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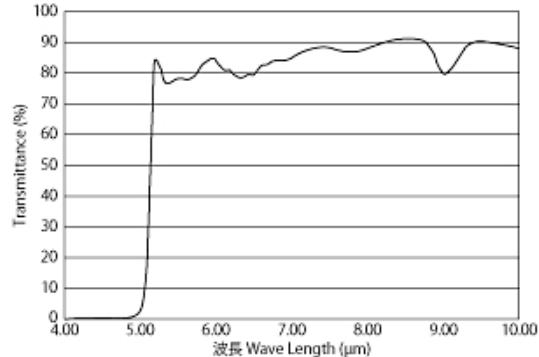
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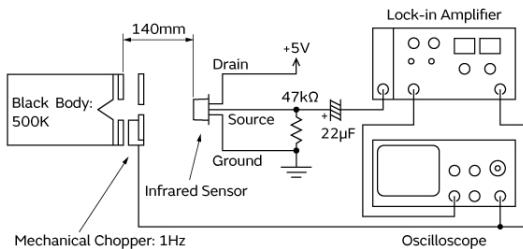
Product Data



Pyroelectric Elements(Electrode Dimension)



Optical Filter characteristics



Test system of Responsivity

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