

IRA-S500ST01A01

Note: This datasheet may be out of date.

Please download the latest datasheet of IRA-S500ST01A01 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=IRA-S500ST01A01











Applications

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



Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	Вох	100



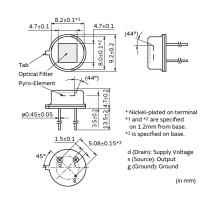
Features

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



Appearance & Shape





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	Lead
Dimensions	TO-5(φ9.2x4.7mm)
Output Type	Analog
Electrode	(1.0x1.0mm)x4
Responsivity(typ.)	3.3mV
Supply Voltage Range	2V to 15V
Field of View	theta1=theta2=44deg.
Operating Temperature Range	-40°C to 70°C
Storage Temperature Range	-40°C to 85°C

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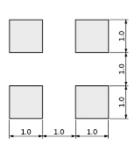


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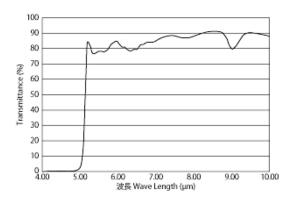
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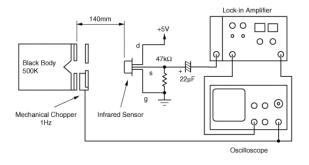




(in mm)



Pyroelectric Elements(Electrode Dimension)



Optical Filter characteristics

Test system of Responsivity

3 of 3

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