IRA-S400ST01A01

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,Indoor,High sensitivity,Improved RF immunity

Appearance & Shape

* Nickel-plated on terminal
*1 and *2 are specified on 1.2mm from base.
*3 is specified on base.

d (Drain): Supply Voltage
s (Source): Output
g (Ground): Ground

(in mm)

Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	Box	100

Features

Excellent Sensitivity & S/N ratio (Signal/Noise)
Excellent Quality
Excellent EMC
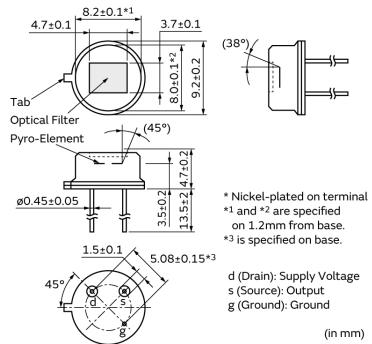
muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

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-S400ST01A01 from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=IRA-S400ST01A01

IRA-S400ST01A01

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℃ to 70℃
Storage Temperature Range	-40℃ to 85℃

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Product Data
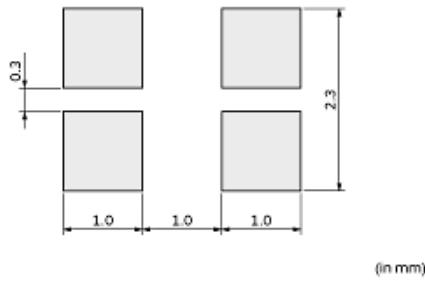
Pyroelectric Elements(Electrode Dimension)
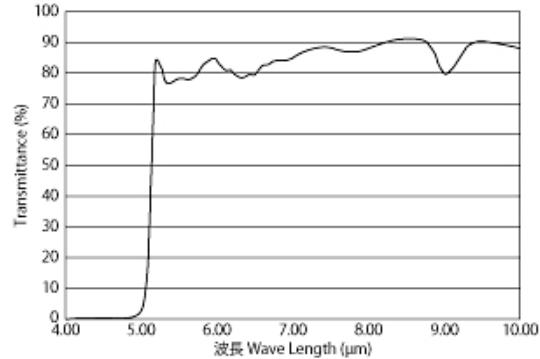
Optical Filter characteristics
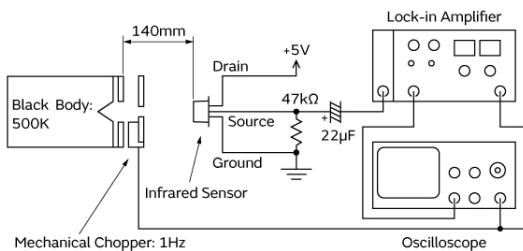
Test system of Responsivity

URL : https://www.murata.com/

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