

# IRA-E420QW1

Note: This datasheet may be out of date.

Please download the latest datasheet of IRA-E420QW1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=IRA-E420QW1



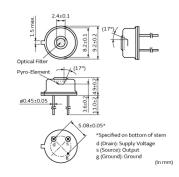






### Appearance & Shape







### **Packaging Information**

Packaging	Specifications	Standard Packing Quantity
-	Вох	100



### **Features**

Lead type

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.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$
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Manufacturing Co., Ltd.



# **Specifications**

Shape	Lead	
Electrode	Dia.1.6 mm	
Responsivity(typ.)	1.3mV	
Supply Voltage Range	3V to 15V	
Field of View	theta1=theta2=17deg.	
Operating Temperature Range	-25°C to 70°C	
Storage Temperature Range	-30°C to 100°C	

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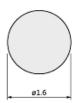
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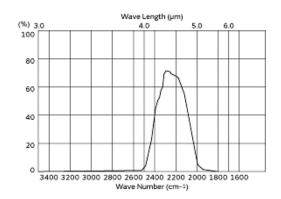
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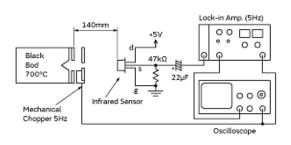
#### Pyroelectric Element



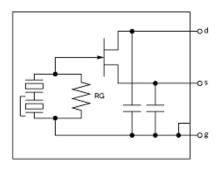
(in mm)



### Pyroelectric Element



Filter characteristics



Test system of Responsivity

Circuit diagrams

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