

IRA-E420SW1

Note: This datasheet may be out of date.

Please download the latest datasheet of IRA-E420SW1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=IRA-E420SW1



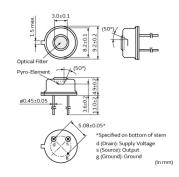






Appearance & Shape







Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	Вох	100



Features

Lead type

1 of 3

Attentior

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

Shape	Lead
Electrode	Dia.1.8mm
Responsivity(typ.)	0.45mV
Supply Voltage Range	3V to 15V
Field of View	theta1=theta2=50deg.
Operating Temperature Range	-25°C to 70°C
Storage Temperature Range	-30°C to 100°C

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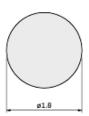


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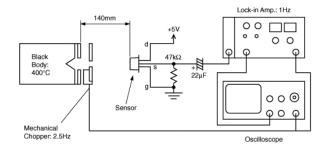




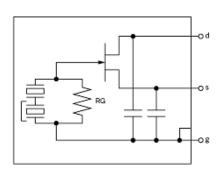
(in mm)

λp : 4.45±0.1µm λ1/2 : 365±15nm T max. : 85% or more Material : Single Crystal Silicon Thickness: 0.50±0.05mm

Pyroelectric Element



Filter characteristics



Test system of Responsivity

Circuit diagrams

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