

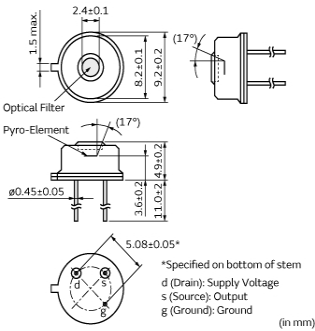
IRA-E420QW1

Discontinued

RoHS

REACH

Appearance & Shape



Features

Lead type

Applications

Limited Usage	Fire detection
Other Usage	Not recommended for tunnel usage. Not available for Automotive usage.

Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	Box	100

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 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.

IRA-E420QW1



Specifications

Operating Temperature Range	-25°C to 70°C
Shape	Lead
Field of View	theta1=theta2=17deg.
Electrode	Dia.1.6 mm
Responsivity(typ.)	1.3mV
Optical Filter	material: Quartz λ_p : 4.3±0.1μm $\lambda_{1/2}$: 650±70nm
Supply Voltage Range	3V to 15V
Storage Temperature Range	-30°C to 100°C

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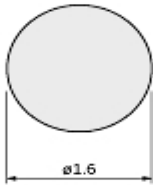
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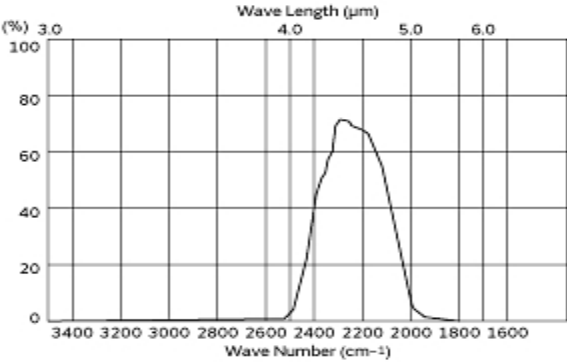
IRA-E420QW1

Product Data

Pyroelectric Element

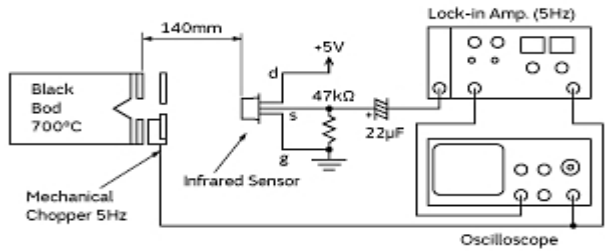


(in mm)

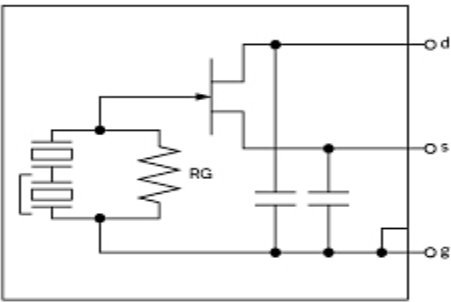


Pyroelectric Element

Filter characteristics



Test circuit



Circuit diagrams

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