

Note: This datasheet may be out of date. Please download the latest datasheet of IRS-B345ST03-R1 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=IRS-B345ST03-R1

## IRS-B345ST03-R1



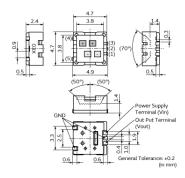






## Appearance & Shape







## **Packaging Information**

Packaging	Specifications	Standard Packing Quantity
R1	Reel	2000



### **Features**

SMD type

1 of 3

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## **Specifications**

Shape	SMD
Electrode	(0.8x0.7mm)x4
Responsivity(typ.)	3.6mV
Supply Voltage Range	2V to 15V
Field of View	theta1=70deg.,theta2=50deg.
Operating Temperature Range	-40°C to 70°C
Storage Temperature Range	-40°C to 85°C

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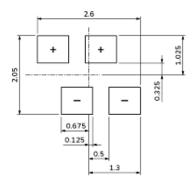
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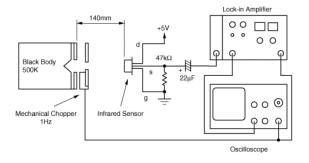
### **Product Data**



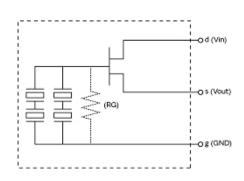
(in mm)

#### 100 Transmission Ratio (%) 70 60 50 40 30 20 10 4500 4000 3500 3000 2500 2000 1750 1500 1250 1000 750 500 Wave Number (cm-1)

#### Pyroelectric Element



Filter characteristics



Test system of Responsivity

Circuit diagrams

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