

Note: This datasheet may be out of date.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/products/productdetail?partno=IRS-B345ST03-R1

## IRS-B345ST03-R1



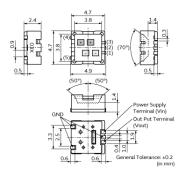






### Appearance & Shape







### **Packaging Information**

Packaging	Specifications	Standard Packing Quantity
R1	Reel	2000



### **Features**

SMD type

1 of 3

- 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.





## IRS-B345ST03-R1

Note: This datasheet may be out of date.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/products/productdetail?partno=IRS-B345ST03-R1



## **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

2 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 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.



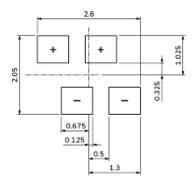
### Note: This datasheet may be out of date. Please download the latest datasheet of IRS-B345ST03-R1 from the official website of Murata Manufacturing Co., Ltd.

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

# IRS-B345ST03-R1



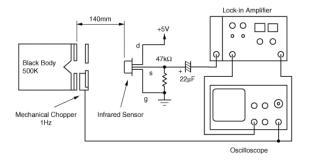
### **Product Data**



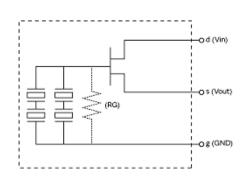
(in mm)

### 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

3 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 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.

