muRata
INNOVATOR IN ELECTRONICS

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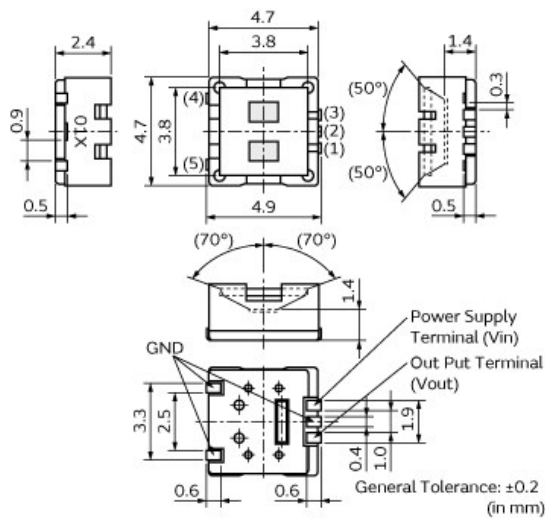Please be sure to read these general terms of use, before using this product.

IRS-B210ST01-R1

Sensors 〉 Pyroelectric Infrared Sensors 〉 Pyroelectric Infrared Sensors

In Production | NRND | ❓

RoHS | REACH | ❓

Appearance & Shape

Specifications

Operating Temperature Range	-40℃ to 70℃
Shape	SMD
Field of View	theta1=50deg.,theta2=70deg.
Electrode	(1.2x0.85mm)x2
Responsivity(typ.)	3.6mV

Send your inquiry ❓

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How to read part numbers 〉

Details

Caution/Notice 〉

Mounting 〉

Packaging 〉

Library

Video Library 〉

Related FAQs

ⓘ   Sensors FAQ 〉

Product News

11/8/2016
Murata SCA3300 high performance 3 axis MEMS accelerometer targets industrial and automotive applications 〉

2/4/2016
Continuous contactless patient monitoring achieved with new Murata solution 〉

12/23/2015
"my Murata®"Rotary Position Sensor Site and Barometric Pressure Sensor Site (Japanese, English, and Chinese) Established 〉

See all related news 〉

Optical Filter	3micro meter Long Pass
Supply Voltage Range	2V to 15V
Storage Temperature Range	-40℃ to 85℃

Features

SMD type

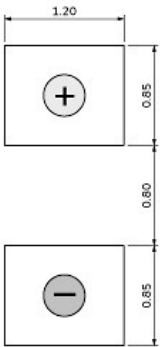# Applications

Other Usage	Not available for Automotive usage.

Packaging Information

Packaging	Specifications	Minimum Order Quantity
R1	Reel	2000

Product Data
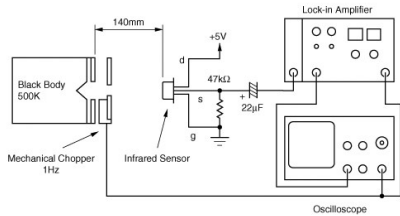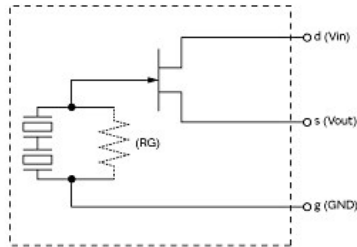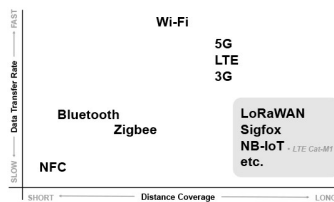

Pyroelectric Element
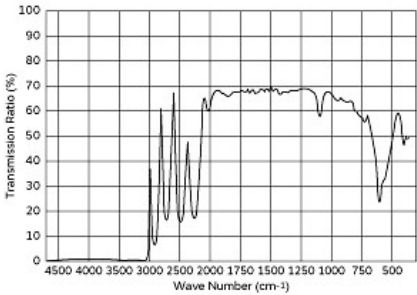
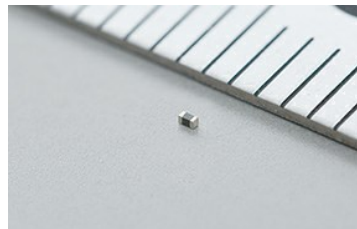Filter characteristics

Test circuit

Circuit diagrams

Recommended Contents

What is LPWA ?

LPWA stands for Low-Power Wide Area wireless technology. LPWA wireless technology enables the IoT (Internet of Things) applications, which usually require lower power consumption and longer range coverage...
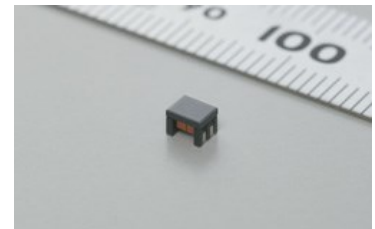
Read more

Murata introduces 0201 inch audio line noise...

Murata Manufacturing Co., Ltd. has introduced the NFZ03SG_SN series of audio line noise filters at a size of 0201 inch size (0.6×0.3mm), which is the smallest size in the industry. Mass production of these...

Read more

Murata introduces 1210-inch common mode choke...

In February 2018, Murata Manufacturing Co., Ltd. starts mass production of the DLW32MH_XK2 series of common mode choke coils that support 100Base-T1*1 interfaces for automotive applications.

Read more

Products

Latest Product Information   Capacitor   Inductors   Noise Suppression Products / EMI Suppression Filters / ESD Protection Devices   Resistors   Thermistors

Sensors   Timing Devices (Ceramic Resonator / Crystal Unit / Oscillator)   Quartz Devices   Sound Components (Buzzer)   Power Devices

Small Energy Devices   Batteries   Micro Mechatronics   RFID Products   Matching Devices   Balun   Coupler   Filters   SAW Components   Phase Shifter

RF Switch   Front End Module   Connectors   Antennas   RF Modules   LPWA Products   Wireless Connectivity Platforms

Ultra Low power Short Range RF-IC   LTCC Multilayer Substrates   Ionizers / Active Oxygen Module (Ozonizers)

Applications

Smarthome   Medical and Healthcare   Automotive   Mobile Communication   Network   Data Center   Lighting   Industrial Equipment   White Goods

Personal Computers   Business Machine   AV   Security & Safety

Design Tools

Video Presentation of Design Tools

Support

Contact Information   FAQs   Library   Reference Design   Health and Safety Compliance   Stock Check

About Murata

Company   About Murata Americas   Murata Robots   Newsroom   Technology   Procurement Guidelines   Corporate Social Responsibility

Investor Relations

IR Calendar   IR Library   Financial Information (For the Last 5 Years)   Shareholders' Meetings   Share Information   Disclosure Policy

EU RoHS / REACH

Approach for chemical regulation for Murata Products.

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