

# MRMS501A-001

In Production

Recommended

RoHS

REACH

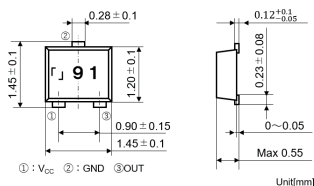
## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial Equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Embossed Tape	3000

## Appearance & Shape



### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

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## Specifications

Operating Temperature Range	-40°C to 85°C
Supply Voltage Range	1.6V to 3.5V
Low Level Output Voltage	0.2V
High Level Output Voltage	1.6V
Current Consumption(typ.)	3.0μA
Measure Condition of Current Consumption	Vcc1.8V
Operating Magnetic Field (Hon)	Max 2.5mT
Operating Magnetic Field (Hoff)	Min 0.5mT
Storage Temperature Range	-40.0°C to 125.0°C
Reference Mass	3.1mg

- > Search by comparing the main specs
- > AMR Simulation Tool
- > AMR (magnetic) sensor evaluation board

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