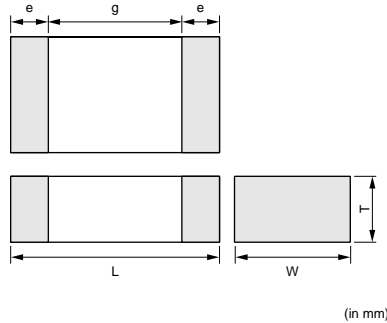


## Data Sheet

# Monolithic Ceramic Capacitors

## GRM32RR71H105KA01□ (1210, X7R, 1.0μF, 50Vdc)

□: packaging code



### ■ Dimensions

Length L	3.20mm±0.30mm
Width W	2.50mm±0.20mm
Thickness T	1.80mm±0.20mm
Electrode e (min.)	0.30mm
Electrode Gap g (min.)	1.00mm

### ■ Rated Value

TC Code	<b>R7</b>
TC Code (Standard)	X7R (EIA)
Capacitance Change	±15%
Capacitance	1.0μF±10%
Rated Voltage	50Vdc

### ■ Packaging

Code	Packaging	Minimum Quantity
<b>L</b>	180mm Plastic Tape	1000
<b>K</b>	330mm Plastic Tape	4000
<b>B</b>	Bulk(Bag)	1000

### ■ Specifications

Please refer to 'Specification' PDF file.

- This data sheet is applied for CHIP MONOLITHIC CERAMIC CAPACITOR used for General Electronics equipment for your design.

#### <Notice>

- Solderability of Tin plating termination chip might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chip before use.

#### ⚠ Note:

- Export Control  
 〈For customers outside Japan〉  
 Murata products should not be used or sold for use in the development, production, stockpiling or utilization of any conventional weapons or mass-destructive weapons (nuclear weapons, chemical or biological weapons, or missiles), or any other weapons.  
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- Please contact our sales representatives or product engineers before using the products in this data sheet for the applications listed below, which require especially high reliability for the prevention of defects which might directly damage to a third party's life, body or property, or when one of our products is intended for use in applications other than those specified in this data sheet.
 

① Aircraft equipment	② Aerospace equipment
③ Undersea equipment	④ Power plant equipment
⑤ Medical equipment	⑥ Transportation equipment (vehicles, trains, ships, etc.)
⑦ Traffic signal equipment	⑧ Disaster prevention / crime prevention equipment
⑨ Data-processing equipment	⑩ Application of similar complexity and/or reliability requirements to the applications listed in the above
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- This data sheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering. Especially, please read rating and ⚠CAUTION (for storage, operating, rating, soldering, mounting and handling) in them to prevent smoking and/or burning, etc.
- You are able to read a detailed specification in the website of Search Engine (<http://search.murata.co.jp/>) or catalog library (<http://www.murata.com/catalog/>) before to require our product specification or to transact the approval sheet for product specification.
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- No ozone depleting substances (ODS) under the Montreal Protocol are used in our manufacturing process.