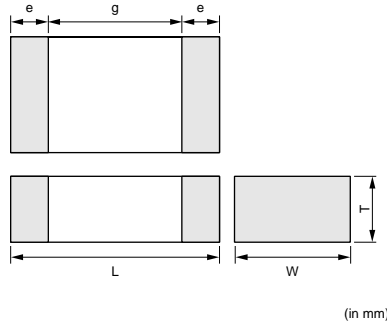


Data Sheet

Monolithic Ceramic Capacitors

GRM2165C1H121FA01D (0805, C0G, 120pF, 50Vdc)

RoHS regulation conformity parts



■ Dimensions

Length L	2.00mm±0.10mm
Width W	1.25mm±0.10mm
Thickness T	0.60mm±0.10mm
Electrode e	0.20 to 0.70mm
Electrode Gap g (min.)	0.70mm

■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000
C	Bulk Case	10000
B	Bulk(Bag)	1000

■ Rated Value

TC Code	5C
TC Code (Standard)	C0G (EIA)
Capacitance Change	0±30ppm/°C
Capacitance	120pF± 1%
Rated Voltage	50Vdc

■ 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.

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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.