

Note: This datasheet may be out of date.

Please download the latest datasheet of RHS7J2H681J2M2H01A from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=RHS7J2H681J2M2H01A

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Applications

| Unsuitable Applications Please be sure to read and comply with these "Precautions for use." Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment,Medical equipment [GHTF A/B/C] except for implant equipment Please refer to Our Website and specific 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. | | |
|---|--------------|--|
| Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment,Medical equipment [GHTF A/B/C] except for implant 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 | Unsuitable | Please be sure to read and comply with |
| Automotive infotainment/comfort equipment,Medical equipment [GHTF A/B/C] except for implant equipment Please refer to Our Website and specific 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 | Applications | these "Precautions for use." |
| equipment,Medical equipment [GHTF A/B/C] except for implant equipment Please refer to Our Website and specific 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 | | Automotive powertrain/safety equipment, |
| A/B/C] except for implant equipment Please refer to Our Website and specific 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 | | Automotive infotainment/comfort |
| Specific Specific 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 | | equipment,Medical equipment [GHTF |
| Specific 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 | | A/B/C] except for implant equipment |
| Applications the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual | | Please refer to Our Website and |
| management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual | Specific | specifications, etc. for information about |
| the above applications, and use Products after confirming the performance and reliability of the actual | Applications | the performance, functions, quality, |
| Products after confirming the performance and reliability of the actual | | management, and safety required for |
| performance and reliability of the actual | | the above applications, and use |
| | | Products after confirming the |
| Product. | | performance and reliability of the actual |
| | | Product. |



Notices

HF(Halogen Free), Derating5



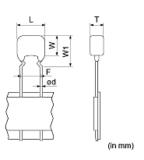
References

| | Specifications | Standard |
|-----------|----------------|----------|
| Packaging | | Packing |
| | | Quantity |
| А | Ammo Pack | 1500 |

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 0.14g |

Appearance & Shape





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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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Product Search Data Sheet

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Specifications

| L size or Outer diameter D | 5.5mm max. |
|--|---|
| Width | 4.0mm max. |
| T size | 3.3mm max. |
| Lead spacing F | 5.0+0.6/-0.2mm |
| Lead diameter d | 0.5±0.05mm |
| Capacitance | 680pF ±5% |
| Rated voltage | 500Vdc |
| Temperature characteristics | UNJ(MURATA) |
| Temperature range of temperature characteristics | -55°C to 200°C |
| Operating Temperature Range | -55°C to 200°C |
| тс | -55°C to 25°C: -750+120/- 347ppm/°C 25°C to 125°C: - 750±120ppm/°C 125°C to 200°C: -750+347/-120ppm/°C |
| W1 size | 6.0mm max. |

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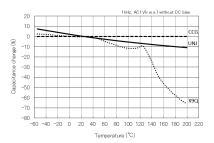
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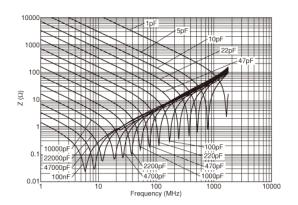
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Characteristic Data





Capacitance - temperature characteristics

Impedance - frequency characteristics

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