

# RHE5G1H681J0K1H03B

In Production

AEC-Q200

RoHS

REACH

150°C max.

Low acoustic noise

Deflecting crack

Soldering crack

Flow OK

Welding

## Applications

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use."                                                                                                                                                                                                                                                                                                                                                    |
| Specific Applications   | Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTE A/B/C] except for implant equipment<br>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. |

## Notices

HF(Halogen Free)

## Appearance & Shape



## References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------|
| B         | Bulk(Bag)      | 500                       |

| Mass (typ.) |      |
|-------------|------|
| 1 piece     | 0.1g |

### Attention

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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

|                                                  |                                                        |
|--------------------------------------------------|--------------------------------------------------------|
| L size or Outer diameter D                       | 3.6mm max.                                             |
| Width                                            | 3.5mm max.                                             |
| T size                                           | 2.5mm max.                                             |
| Lead spacing F                                   | 5.0±0.8mm                                              |
| Lead diameter d                                  | 0.5±0.05mm                                             |
| Paint dripping e                                 | Up to the end of crimp                                 |
| Capacitance                                      | 680pF ±5%                                              |
| Rated voltage                                    | 50Vdc                                                  |
| Temperature characteristics                      | X8G(MURATA)                                            |
| Temperature range of temperature characteristics | -55°C to 150°C                                         |
| Operating Temperature Range                      | -55°C to 150°C                                         |
| TC                                               | 25 to 150°C: 0±30ppm/°C<br>-55 to 25°C: 0+30/-72ppm/°C |
| W1 size                                          | 6.0mm max.                                             |

### Attention

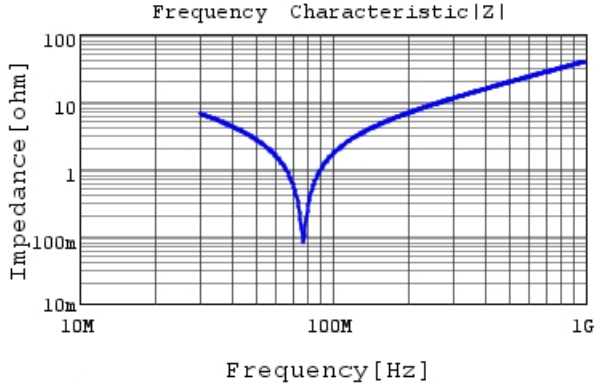
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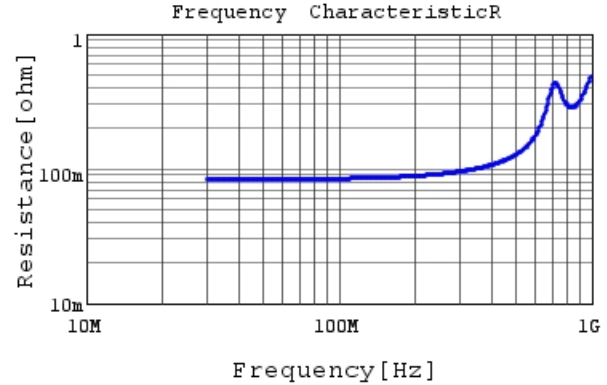


## Characteristic Data

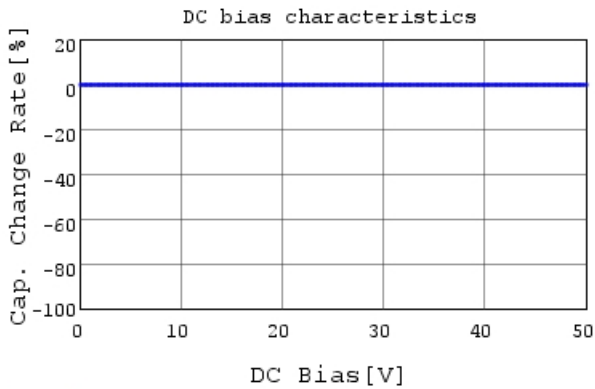
The charts below may show another part number which shares its characteristics.



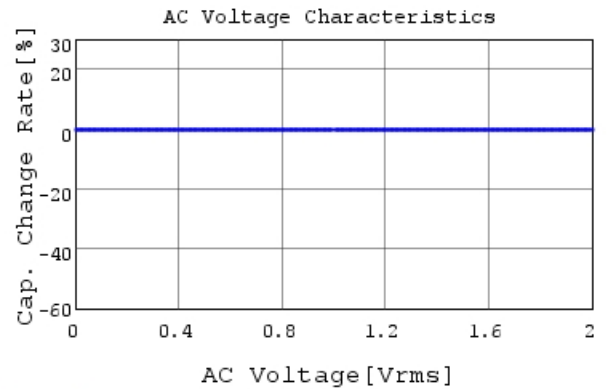
RHE5G1H681J0K1H03B |Z| DCOV, 25degC



RHE5G1H681J0K1H03B R DCOV, 25degC



RHE5G1H681J0K1H03B C-DC bias capchange, 25.0

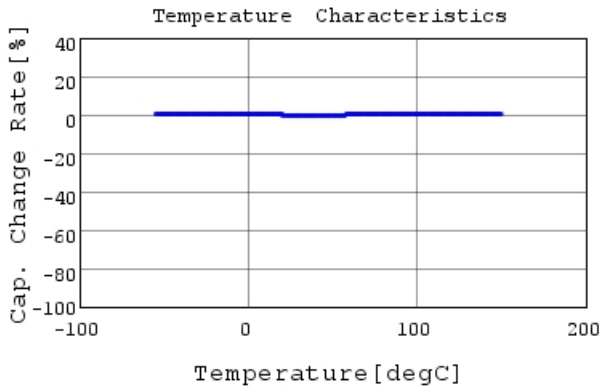


RHE5G1H681J0K1H03B C-AC Voltage capchange, 1

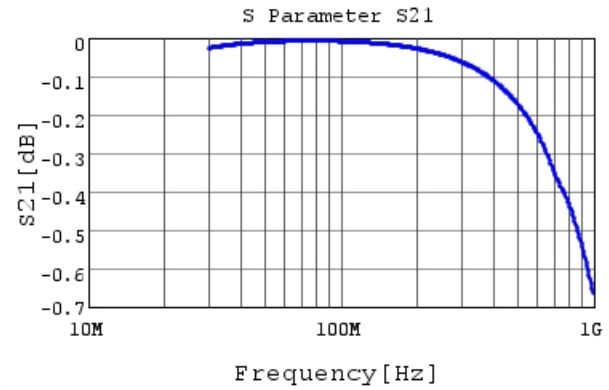
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# RHE5G1H681J0K1H03B



RHE5G1H681J0K1H03B C-Temp. capchange, DCOV,



RHE5G1H681J0K1H03B S21 DCOV, 25degC

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