

#### Product Search Data Sheet

information provided may not be the most current.

Please download the latest datasheet of DE1B3RA221KN4AP01F from the official website of Murata

Note: If you have not downloaded this document from our official website, please note that the

http://www.murata.com/en-us/products/productdetail?partno=DE1B3RA221KN4AP01F

## DE1B3RA221KN4AP01F













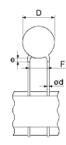
## **Applications**

| Unsuitable                          | Please be sure to read and comply with  |
|-------------------------------------|---|
| Applications                        | these "Precautions for use."  |
| Applications  Specific Applications | Consumer equipment,Industrial Equipment,Mobile Electronics,Medical equipment [GHTF A/B/C] except for implant equipment,Automotive infotainment/comfort 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.   |



### Appearance & Shape







# Notices

X1/Y1 Class Certified Products、 Halogen-free Products、 Rated Voltage X1:440Vac(r.m. s.)/1500Vdc Y1:300Vac(r.m.s.)/1500Vdc



### References

|           | Specifications | Standard |
|-----------|----------------|----------|
| Packaging |                | Packing  |
|           |                | Quantity |
| А         | Ammo Pack      | 600      |

| Mass (typ.) |       |       |
|-------------|-------|-------|
| 1           | piece | 0.28g |

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

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## DE1B3RA221KN4AP01F



## **Specifications**

| L size or Outer diameter D  | 6.0mm max.             |  |
|-----------------------------|------------------------|--|
| T size                      | 5.0mm max.             |  |
|                             |                        |  |
| Lead spacing F              | 10.0±1.0mm             |  |
| Lead diameter d             | 0.6±0.05mm             |  |
|                             |                        |  |
| Paint dripping e            | Up to the end of crimp |  |
| Capacitance                 | 220pF ±10%             |  |
|                             |                        |  |
| Rated voltage               | 300Vac(r.m.s.)         |  |
| Temperature characteristics | B(JIS)                 |  |
|                             | , ,                    |  |
| Capacitance change rate     | ±10%                   |  |
| Temperature range of        | 0.505 / 0.505          |  |
| temperature characteristics | -25°C to 85°C          |  |
| Operating Temperature       | -40°C to 125°C         |  |
| Range                       |                        |  |

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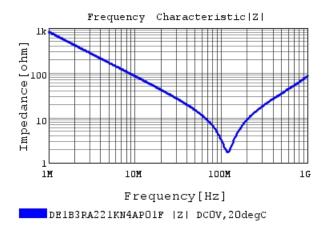
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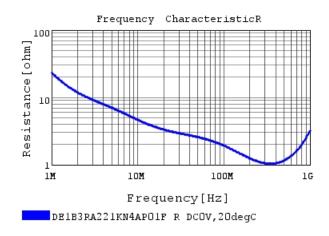
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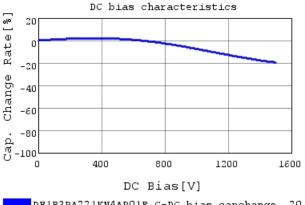


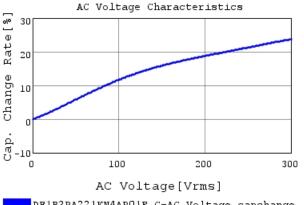
### Characteristic Data

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









DE1B3RA221KN4APO1F C-DC bias capchange, 20.(

DE1B3RA221KN4APO1F C-AC Voltage capchange, I

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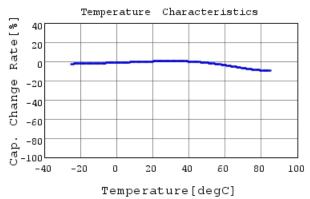


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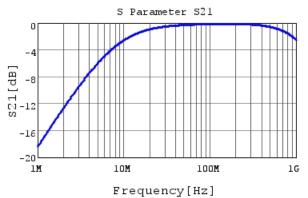
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## DE1B3RA221KN4AP01F



DE1B3RA221KN4APO1F C-Temp. capchange, DCOV,



DE1B3RA221KN4APO1F S21 DCOV,2OdegC

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