

### **Product Search Data Sheet**

Note: This datasheet may be out of date.  $Please\ download\ the\ latest\ data sheet\ of\ RHEL81H102K0DBH03A\ from\ the\ official\ website\ of\ Murata$ Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=RHEL81H102K0DBH03A

# RHEL81H102K0DBH03A

























## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	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	
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	
	Product.	



### **Notices**

HF(Halogen Free)



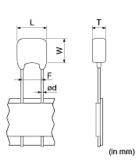
### References

	Specifications	Standard
Packaging		Packing
		Quantity
А	Ammo Pack	2000

Mass (typ.)		
1 piece	0.092g	

## Appearance & Shape





1 of 4

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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	2.5+0.4/-0.2mm	
Lead diameter d	0.5±0.05mm	
Capacitance	1000pF ±10%	
Rated voltage	50Vdc	
Temperature characteristics	X8L(MURATA)	
Capacitance change rate	+15/-40%	
Temperature range of	-55°C to 150°C	
temperature characteristics		
Operating Temperature	-55°C to 150°C	
Range		

2 of 4

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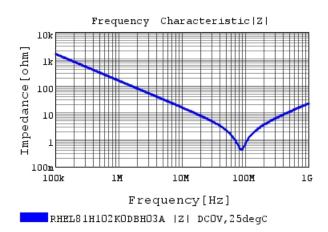
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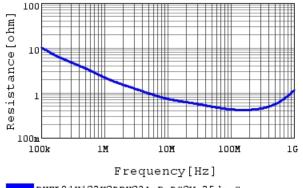
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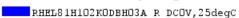
### Characteristic Data

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

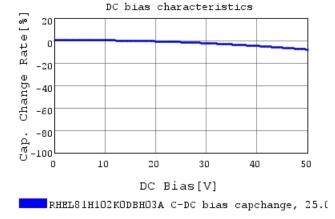


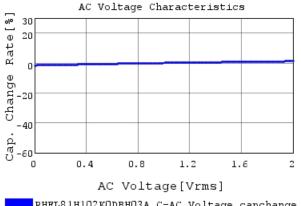


CharacteristicR



Frequency





RHEL81H102KODBH03A C-AC Voltage capchange, I

3 of 4

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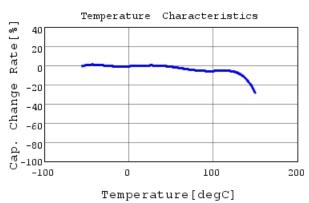


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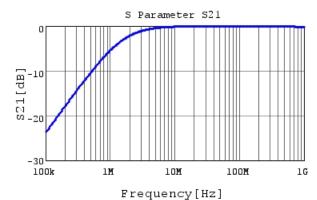
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# RHEL81H102K0DBH03A



RHEL81H1O2KODBHO3A C-Temp. capchange, DCO.OV



RHEL81H102KODBH03A S21 DCOV,25degC

4 of 4

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