

Note: This datasheet may be out of date. Please download the latest datasheet of RHEL82A683K1DBH03A from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=RHEL82A683K1DBH03A

# RHEL82A683K1DBH03A























## **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)



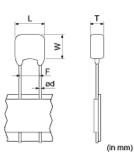
## References

	Specifications	Standard
Packaging		Packing
		Quantity
А	Ammo Pack	2000

Mass (typ.)	
1 piece	0.11g

## Appearance & Shape





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- 2. This datasheet 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	4.0mm 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	68000pF ±10%	
Rated voltage	100Vdc	
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	00 0 10 100 0	

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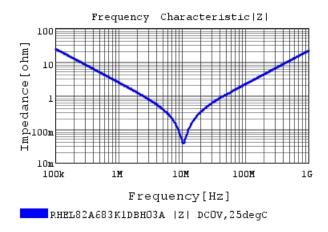
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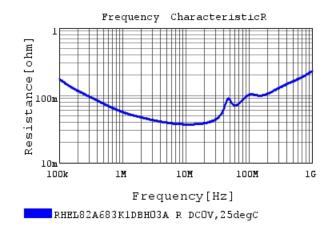
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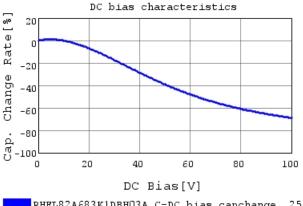


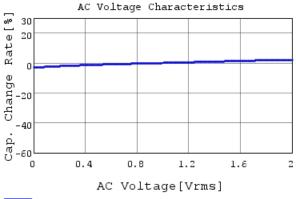
### Characteristic Data

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









RHEL82A683K1DBHO3A C-DC bias capchange, 25.(

RHEL82A683K1DBHO3A C-AC Voltage capchange, I

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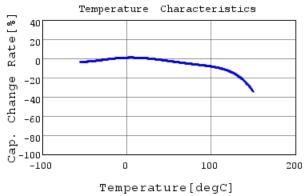


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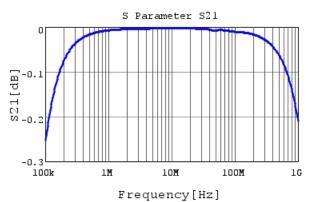
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# RHEL82A683K1DBH03A



RHEL82A683K1DBHO3A C-Temp. capchange, DCOV,



RHEL82A683K1DBHO3A S21 DCOV,25degC

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