

### GCM1887U2A822JA16#

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http://www.murata.com/en/products/productdetail?partno=GCM1887U2A822JA16%23

"#"at the end indicates the package specification code.















< List of part numbers with package codes > GCM1887U2A822JA16D GCM1887U2A822JA16W GCM1887U2A822JA16V

GCM1887U2A822JA16J



### **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.



### References

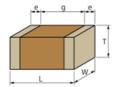
Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	4000
W	φ180mm Reel W8P2 Paper Tape	8000
J	φ330mm Reel Paper Tape	10000
V	φ330mm Reel W8P2 Paper Tape	30000

Mass (typ.)	
1 piece	6.3mg



### 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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## **Specifications**

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	8200pF ±5%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	100Vdc
Size code in inch(mm)	0603 (1608M)
тс	-750±120ppm/°C
Temperature characteristics (complied standard)	U2J(EIA)
Temperature range of temperature characteristics	25°C to 85°C

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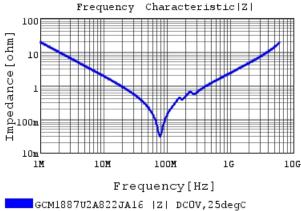
## GCM1887U2A822JA16#

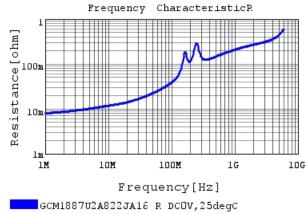
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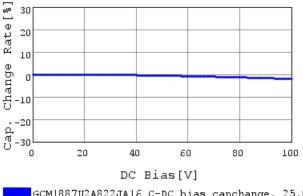
### Characteristic Data

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

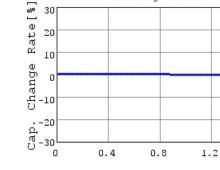








DC bias characteristics



20

GCM1887U2A822JA16 C-DC bias capchange, 25.0c

AC Voltage[Vrms] GCM1887U2A822JA16 C-AC Voltage capchange, DC

1.6

2

AC Voltage Characteristics

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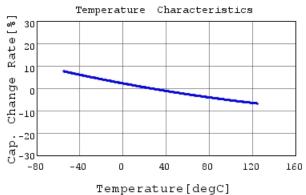
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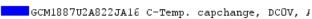
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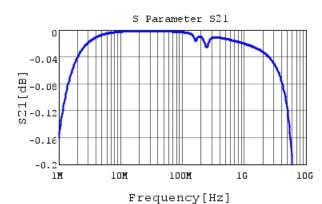
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GCM1887U2A822JA16 S21 DCOV,25degC

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