



< List of part numbers with package codes >

GCD188R71H103KA01D , GCD188R71H103KA01J

Shape

L size	1.6 ±0.1mm
W size	0.8 ±0.1mm
T size	0.8 ±0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g	0.5mm min.
Size code in inch(mm)	0603 (1608M)

References

Packaging	Specifications	Minimum quantity
D	φ 180mm Paper taping	4000
J	φ 330mm Paper taping	10000

Mass (typ.)	
1 piece	6.3mg
φ 180mm Reel	144g

Specifications

Capacitance	10000pF ±10%
Rated voltage	50Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	±15.0%
Temperature range of temperature characteristics	-55 to 125°C
Operating temperature range	-55 to 125°C

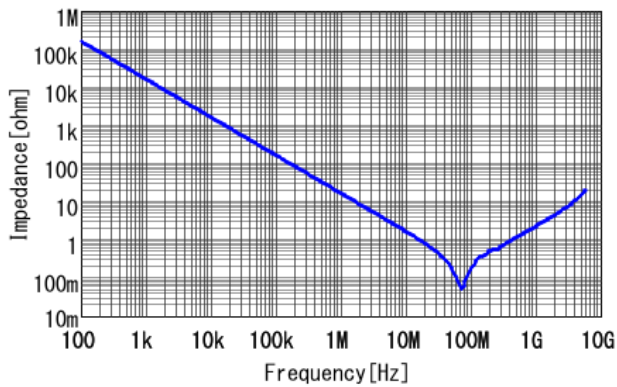
⚠ Attention

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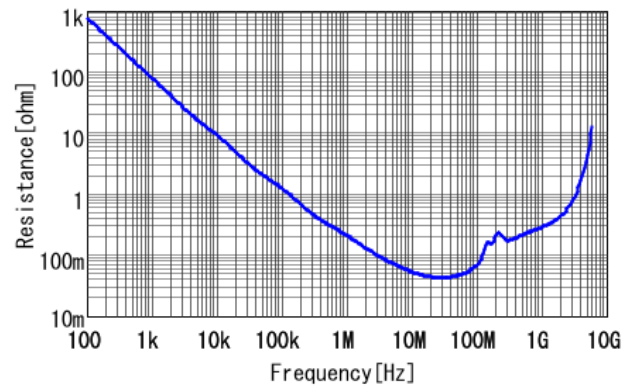
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Frequency Characteristic|Z|



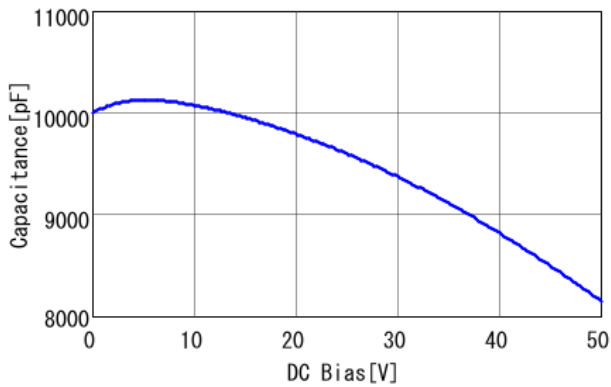
GCD188R71H103KA01 DC0V, 25degC

Frequency CharacteristicR



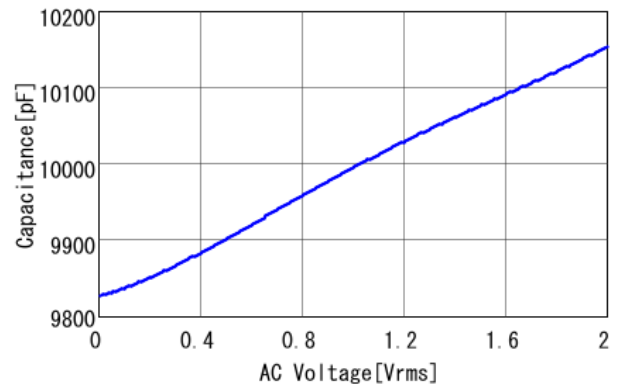
GCD188R71H103KA01 DC0V, 25degC

DC bias characteristics



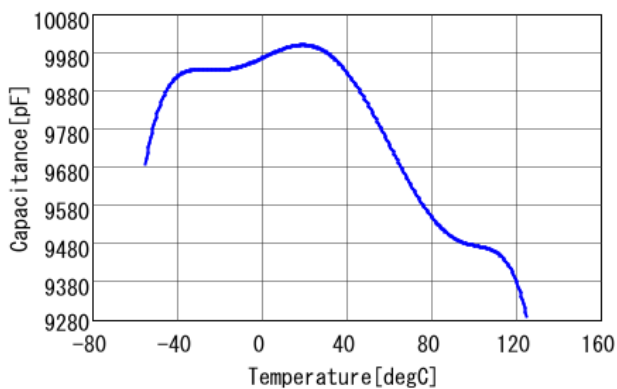
GCD188R71H103KA01 capacitance, 25.0degC, AC1.0Vrms

AC Voltage Characteristics



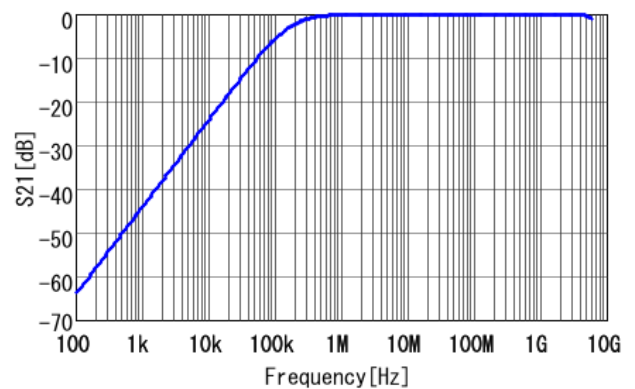
GCD188R71H103KA01 capacitance, DC0V, 25.0degC

Temperature Characteristics



GCD188R71H103KA01 capacitance, DC0.0V, AC1.0Vrms

S Parameter S21



GCD188R71H103KA01 DC0V, 25degC

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