

GRM155B31H682KA88#

"#" indicates a package specification code.

NRND

InProduction

General

85°C max.

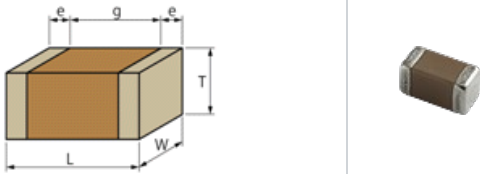
Reflow OK

RoHS

REACH

< List of part numbers with package codes >
GRM155B31H682KA88D , GRM155B31H682KA88W , GRM155B31H682KA88J

Shape



L size	1.0 ±0.05mm
W size	0.5 ±0.05mm
T size	0.5 ±0.05mm
External terminal width e	0.15 to 0.35mm
Distance between external terminals g	0.3mm min.
Size code in inch(mm)	0402 (1005M)

References

Packaging	Specifications	Minimum quantity
D	φ 180mm Paper taping	10000
J	φ 330mm Paper taping	50000
W	φ 180mm Paper taping (W8P1*) * Width : 8mm, Pocket pitch : 1mm	20000

Mass (typ.)	
1 piece	1.6mg
φ 180mm Reel	118g

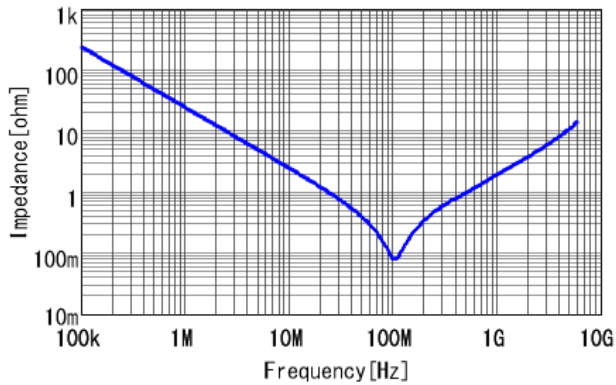
Specifications

Capacitance	6800pF ±10%
Rated voltage	50Vdc
Temperature characteristics (complied standard)	B(JIS)
Capacitance change rate	±10.0%
Temperature range of temperature characteristics	-25 to 85°C
Operating temperature range	-25 to 85°C

⚠ Attention

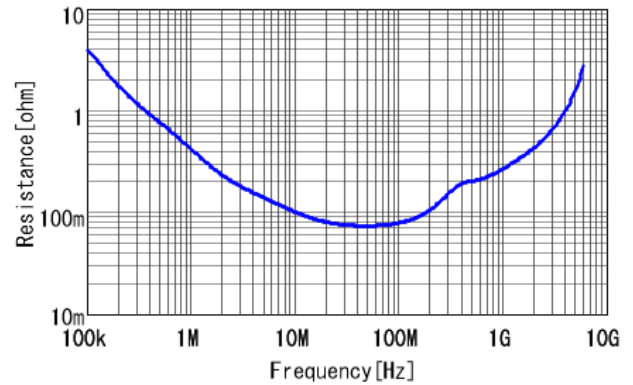
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Frequency Characteristic|Z|



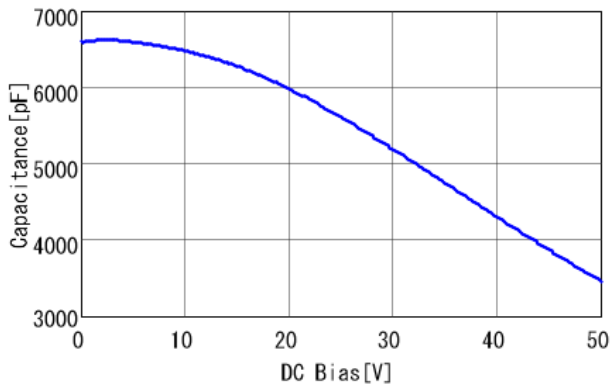
■ GRM155B31H682KA88 DC0V, 20degC

Frequency CharacteristicR



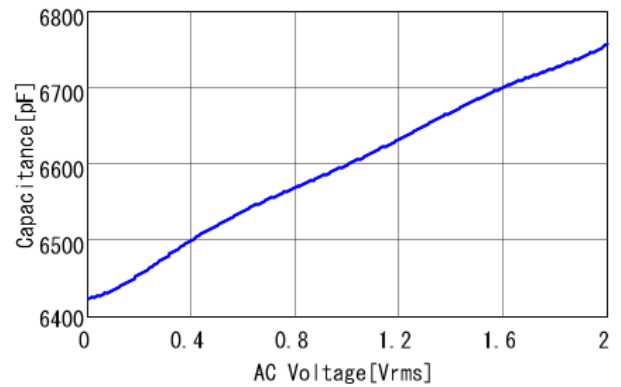
■ GRM155B31H682KA88 DC0V, 20degC

DC bias characteristics



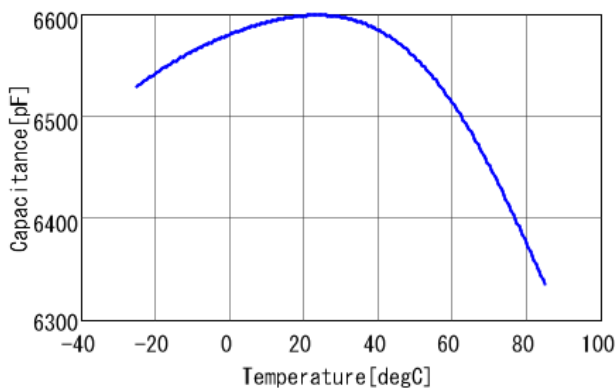
■ GRM155B31H682KA88 capacitance, 20.0degC, AC1.0Vrms

AC Voltage Characteristics



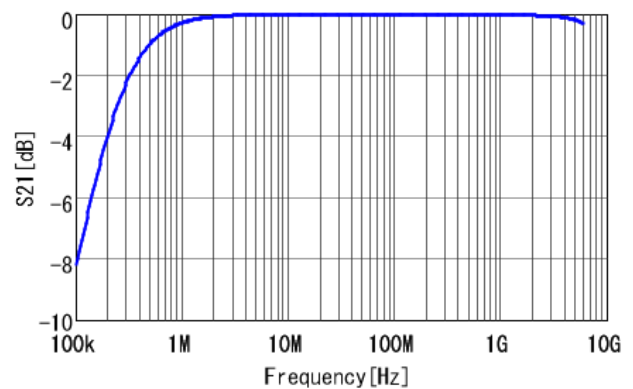
■ GRM155B31H682KA88 capacitance, DC0V, 20.0degC

Tempetature Characteristics



■ GRM155B31H682KA88 capacitance, DC0.0V, AC1.0Vrms

S Parameter S21



■ GRM155B31H682KA88 DC0V, 20degC

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