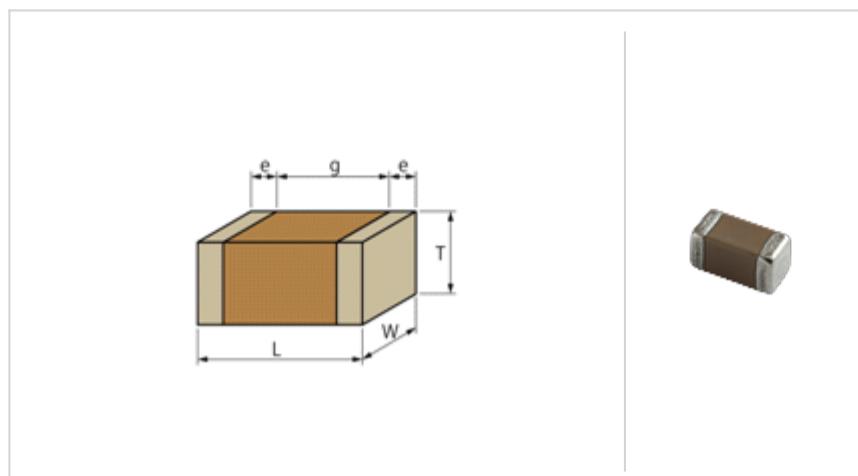




< List of part numbers with package codes >
GRM21BR61E475MA12L , GRM21BR61E475MA12K

Shape



L size	2.0 \pm 0.1mm
W size	1.25 \pm 0.1mm
T size	1.25 \pm 0.1mm
External terminal width e	0.2 to 0.7mm
Distance between external terminals g	0.7mm min.
Size code in inch(mm)	0805 (2012)

References

Packaging	Specifications	Minimum quantity
L	180mm Embossed taping	3000
K	330mm Embossed taping	10000

Mass (typ.)

1 piece	17mg
180mm Reel	102g

Specifications

Capacitance	4.7 μ F \pm 20%
Rated voltage	25Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	\pm 15.0%
Temperature range of temperature characteristics	-55 to 85
Operating temperature range	-55 to 85

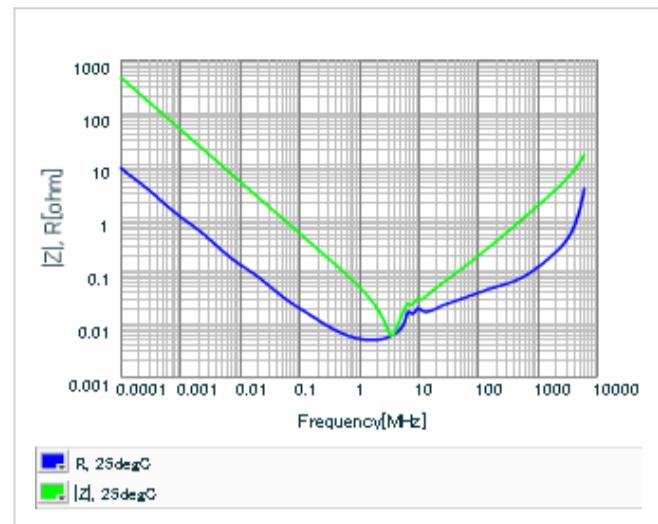
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⚠ Attention

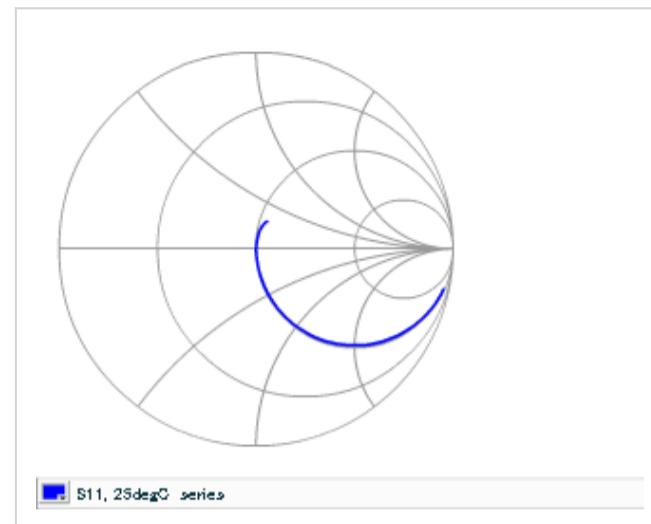
- This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

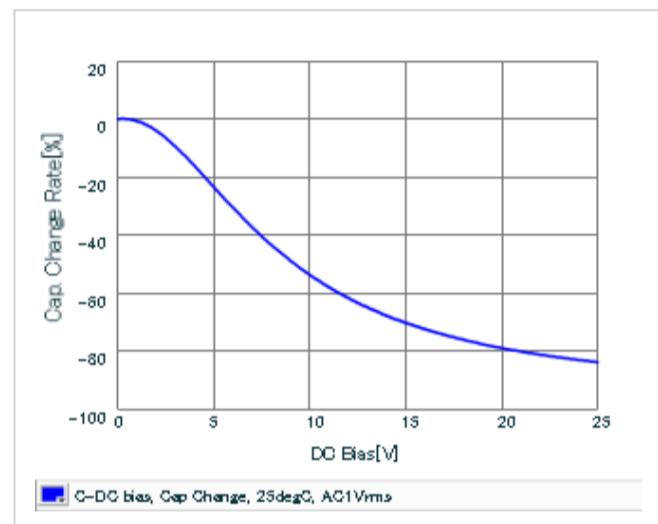
■ Frequency characteristics (ESR, Impedance)



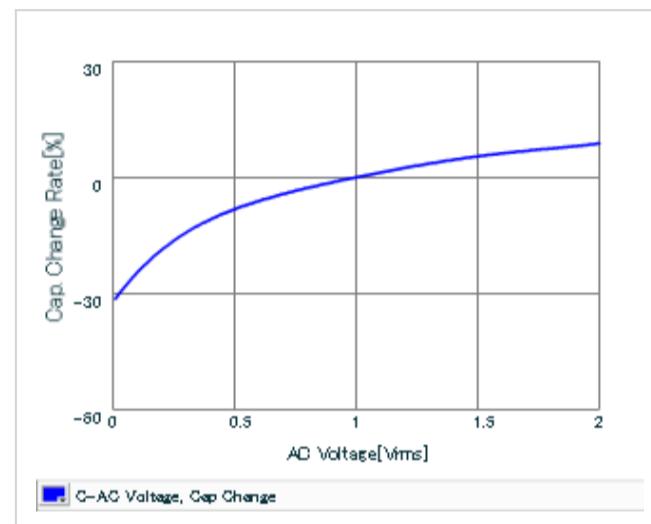
■ S parameter (Smith chart S11)



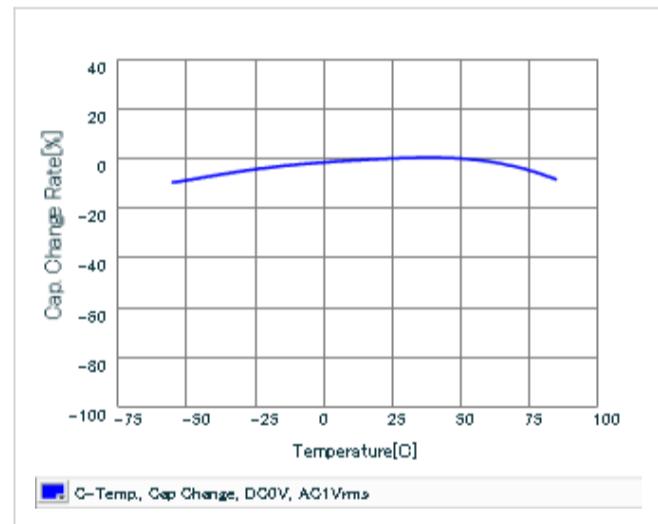
■ DC bias characteristics



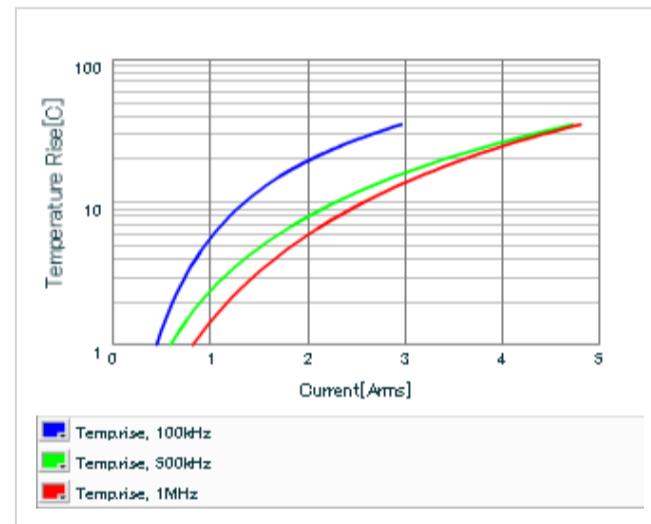
■ AC voltage characteristics



■ Capacitance - temperature characteristics



■ Calorific property by ripple current



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Last updated: 2015/12/04