muRata Capacitor data sheet

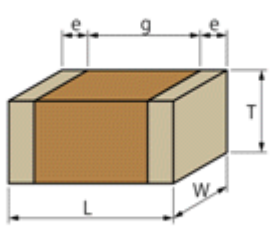
GRM1555C1H4R7CZ01#

“ # ” indicates a package specification code.

To be discontinued | Reflow OK | Complies with RoHS

< List of part numbers with package codes >
GRM1555C1H4R7CZ01D , GRM1555C1H4R7CZ01W , GRM1555C1H4R7CZ01J

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 mm(inch)	1005 (0402)

Specifications

Capacitance	4.7pF ±0.25pF
Rated voltage	50Vdc
Temperature characteristics (complied standard)	C0G(EIA)
Temperature coefficient	0±30ppm/℃
Temperature range of temperature characteristics	25 to 125℃
Operating temperature range	-55 to 125℃

Notes

Please use replacements or Recommended.

References

Packaging		Specifications	Minimum quantity
D	φ180mm Paper taping		10000
J	φ330mm Paper taping		50000
W	φ180mm Paper taping (W8P1*) * Width : 8mm, Pocket pitch : 1mm		20000

	Mass (typ.)
1 piece	1.6mg
φ180mm Reel	118g

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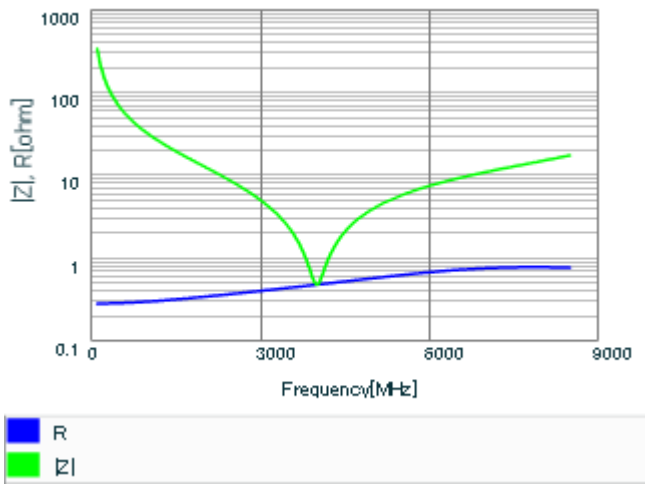
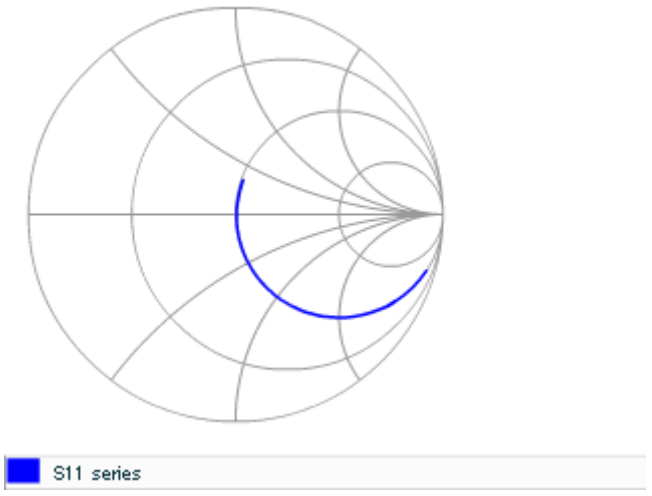
Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

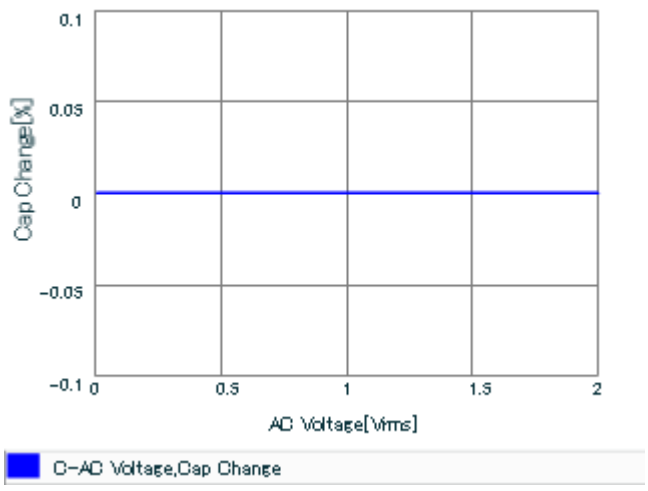
Frequency characteristics (ESR, Impedance)



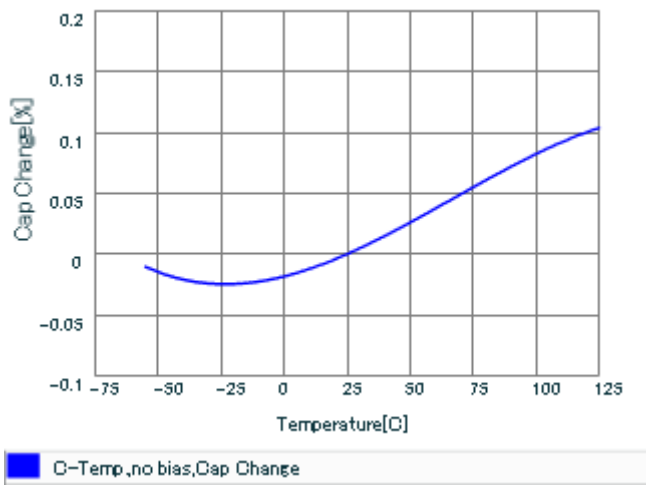
S parameter (Smith chart S11)



AC voltage characteristics



Capacitance - temperature characteristics



This PDF data has only typical specifications because there is no space for detailed specifications.
Therefore, please reviewour product specifications or consult the approval sheet for product specifications before ordering.

Murata Manufacturing Co., Ltd.

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