

LLL185C70G105ME01#

“ # ” indicates a package specification code.

To be discontinued


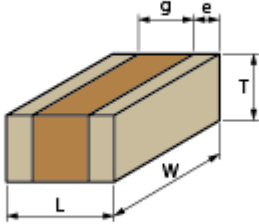
Reflow OK

Complies with RoHS

Low ESL

< List of part numbers with package codes >
LLL185C70G105ME01L , LLL185C70G105ME01K

Shape



L size	0.8 ± 0.1mm
W size	1.6 ± 0.1mm
T size	0.5 +0.05/-0.1mm
External terminal width e	0.25 ± 0.15mm
Distance between external terminals g	0.1mm min.
Size code in inch(mm)	0306 (0816)

References

Packaging	Specifications	Minimum quantity
L	180mm Embossed taping	4000
K	330mm Embossed taping	10000

Mass (typ.)	
1 piece	3.9mg
180mm Reel	100g

Specifications

Capacitance	1.0μF ± 20%
Rated voltage	4Vdc
Temperature characteristics (complied standard)	X7S(EIA)
Capacitance change rate	± 22.0%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

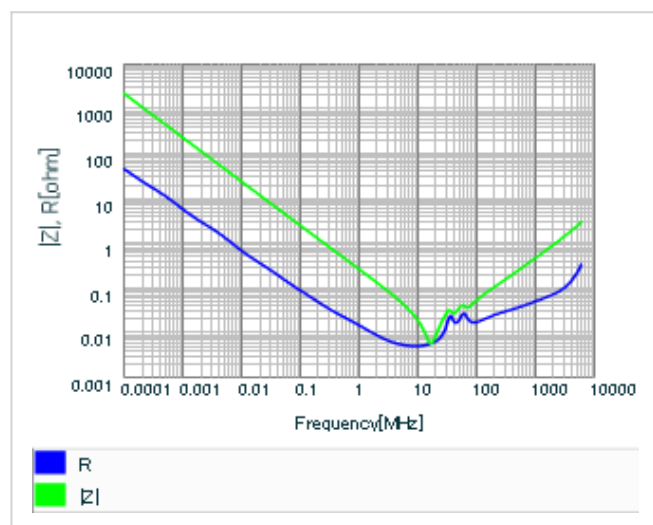
⚠ Attention

1.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.

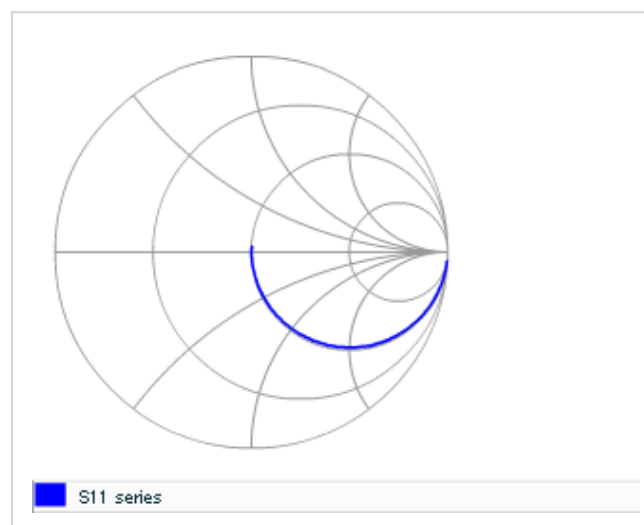
2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

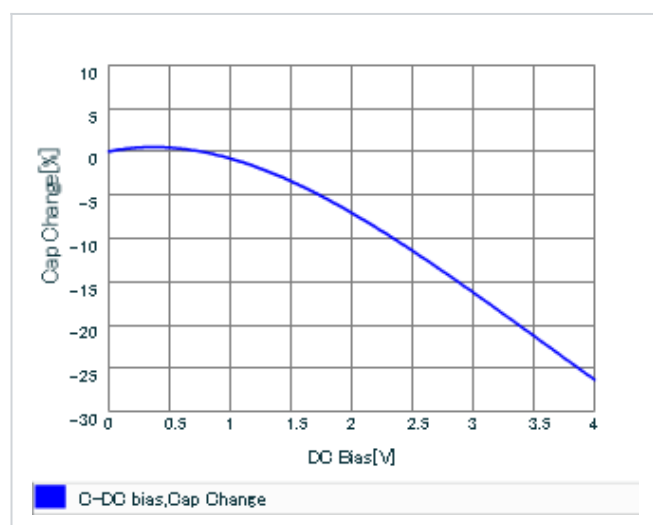
▪ Frequency characteristics (ESR, Impedance)



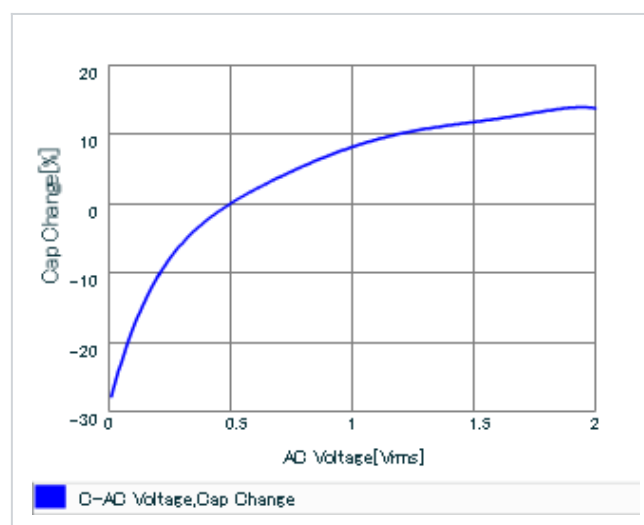
▪ S parameter (Smith chart S11)



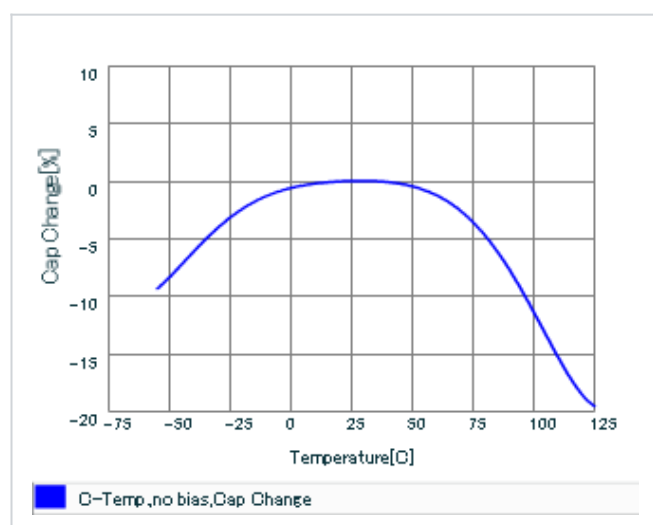
▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current

