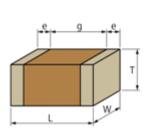


GRM316R61A475KE19#

Available Flow OK Reflow OK With RoHS

< List of part numbers with package codes > GRM316R61A475KE19D , GRM316R61A475KE19J

Shape





"#" indicates a package specification code.

L size	3.2 ± 0.15mm
W size	1.6 ± 0.15mm
T size	0.6 ± 0.1mm
External terminal width e	0.3 to 0.8mm
Distance between external terminals g	1.5mm min.
Size code in mm(inch)	3216 (1206)
Specifications	
Capacitance	4.7μF ±10%
Rated voltage	10Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 85
Operating temperature range	-55 to 85

References

Packaging		Specifications		Minimum quantity
D	180mm Paper taping		4000	
J	330mm Paper taping		10000	
		Mass (typ.)		
1 piece			15mg	
180mm Reel			167g	

1 of 2

🔔 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.
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.

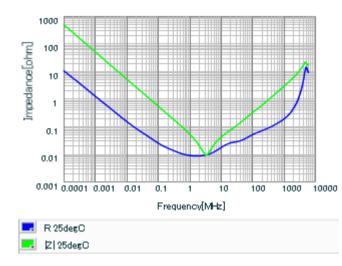
muRata Murata Manufacturing Co., Ltd.

URL : http://www.murata.co.jp/

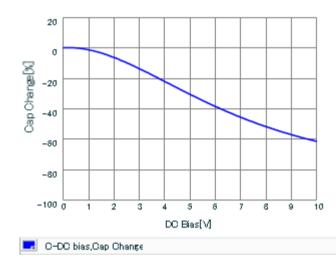
Last updated: 2013/10/20

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

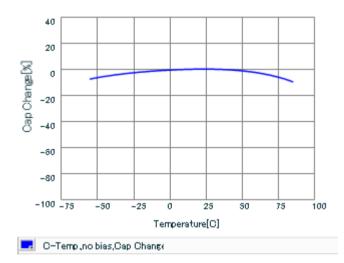
Frequency characteristics (ESR, Impedance)



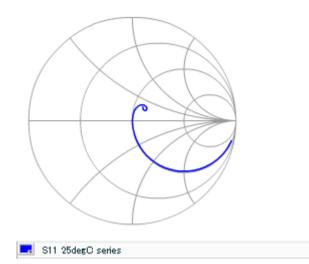
DC bias characteristics



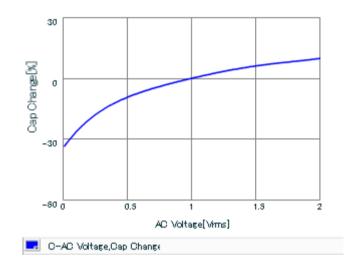
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



2 of 2

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 Murata Manufacturing Co., Ltd.

Last updated: 2013/10/20