

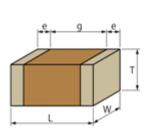
GRM188R71H822KA01#

"# " indicates a package specification code.



< List of part numbers with package codes > GRM188R71H822KA01D , GRM188R71H822KA01J

Shape





6.3mg

144g

	L size			1.6 ±0.1mm	
	W size			0.8 ±0.1mm	
	T size			0.8 ±0.1mm	
	External terminal width e			0.2 to 0.5mm	
	Distance between external t	erminals g		0.5mm min.	
	Size code in mm(inch)			1608 (0603)	
	Specifications				
	Capacitance				8200pF ±10%
	Rated voltage				50Vdc
	Temperature characteristics (complied standard)				X7R(EIA)
	Capacitance change rate				± 15.0%
	Temperature range of temperature characteristics				-55 to 125
Operating temperature range					-55 to 125
	References				
	Packaging		Specifications		Minimum quantity
	D	180mm Paper taping		4000	
	J	330mm Paper taping		10000	

Mass (typ.)

1 piece 180mm Reel

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🔔 Attention

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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.

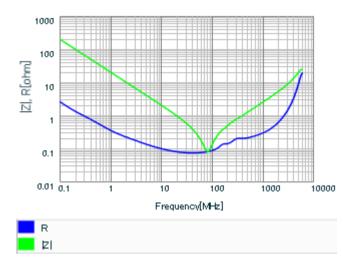
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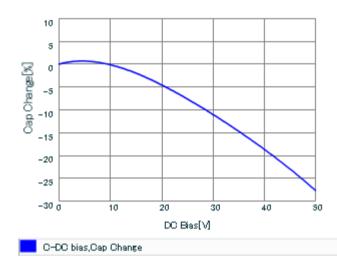
Last updated: 2013/10/20

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

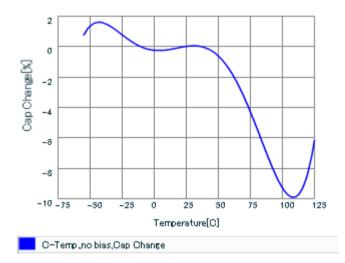
Frequency characteristics (ESR, Impedance)



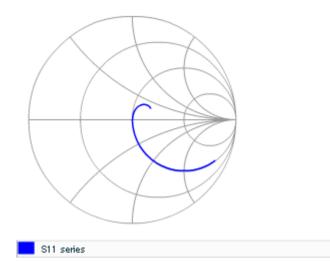
DC bias characteristics



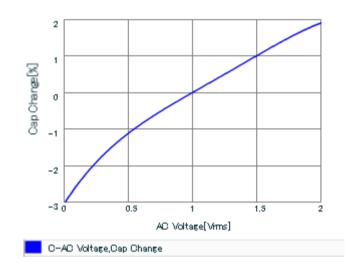
Capacitance - temperature characteristics



S parameter (Smith chart S11)



AC voltage characteristics



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