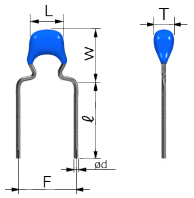
MLCC with Dipped Radial Lead

FG28C0G2A102JNT06

Product Status	Production
Applications	Commercial Grade
Feature	MidMid Voltage (100 to 630V) Halogen-freeHalogen-free
Series	FG
Brand	TDK
Environmental Compliance	RoHS, REACH SVHC Free, Halogen Free, Lead Free



Size	
Length(L)	4.00mm Max.
Width(W)	5.50mm Max.
Thickness(T)	2.50mm Max.
Lead Gap(F)	5.00mm +0.80,-0.20mm
Lead Diameter(d)	0.50mm +0.10,-0.03mm

Electrical Characteristics	
Capacitance	1nF ±5%
Rated Voltage	100VDC
Withstanding Voltage	300VDC
Temperature Characteristic	C0G(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

Other	
Soldering Method	Wave (Flow) Iron Soldering
Lead Length / Package Type	Taping
AEC-Q200	NO
Package Quantity	2000pcs

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

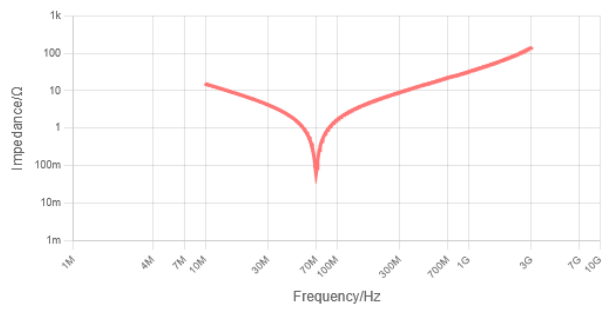
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MLCC with Dipped Radial Lead

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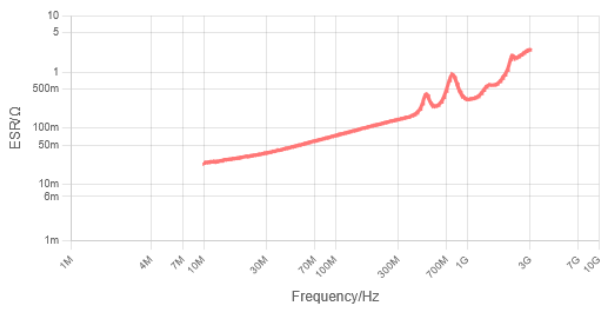
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

Impedance



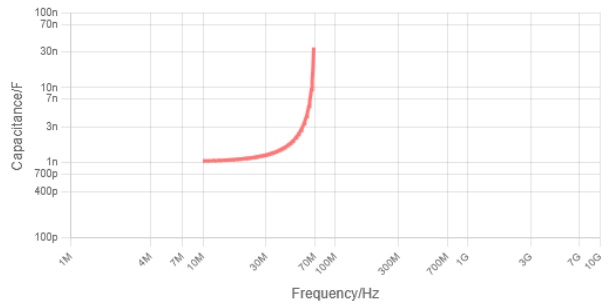
● FG28C0G2A102JNT06

ESR



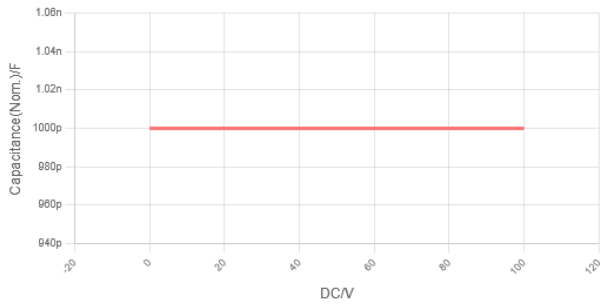
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Capacitance



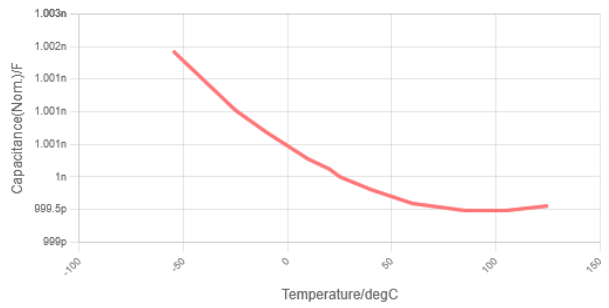
● FG28C0G2A102JNT06

DC Bias Characteristic



● FG28C0G2A102JNT06

Temperature Characteristic



● FG28C0G2A102JNT06(No Bias) ● FG28C0G2A102JNT06(DC Bias = 50V)

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