



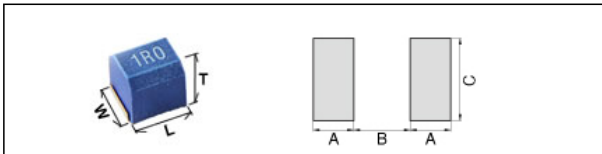


NLC453232T-100K-PF

Applications		Commercial Grade
Feature		Wire Wound
		No Directivity
		Ferrite Core
Series	NLC Series / NLC453232 Type	
Status	Production	



Size	
Length(L)	4.50mm +/-0.30mm
Width(W)	3.20mm +/-0.20mm
Thickness(T)	3.20mm +/-0.20mm
Recommended Land Pattern (A)	1.50mm Nom.
Recommended Land Pattern (B)	3.00mm Nom.
Recommended Land Pattern (C)	2.80mm Nom.

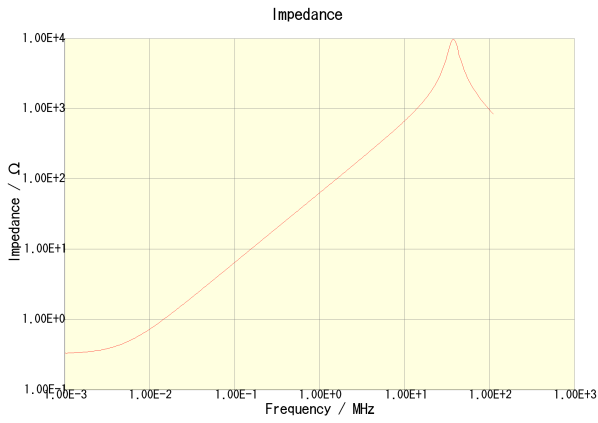
Electrical Characteristics	
Inductance	10uH +/-10% at 2.52MHz
Rated Current	550mA
Self-Resonant Frequency [Min.]	22MHz
Q [Min.]	10 at 2.52MHz
DC Resistance [Max.]	500mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Flow, Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	500Pcs Min.
Weight	0.18g

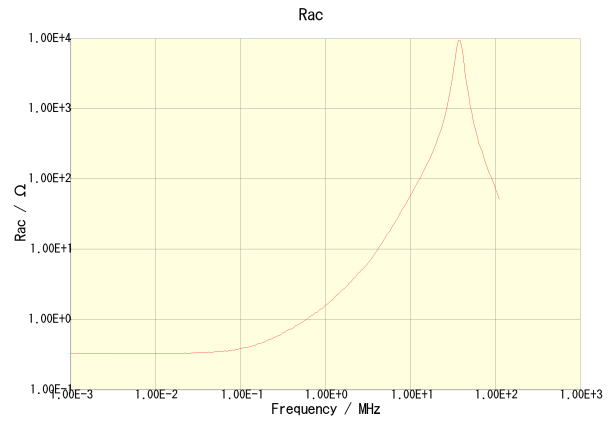
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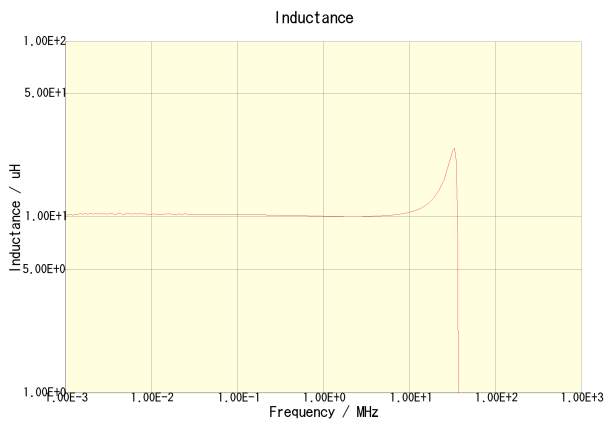
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



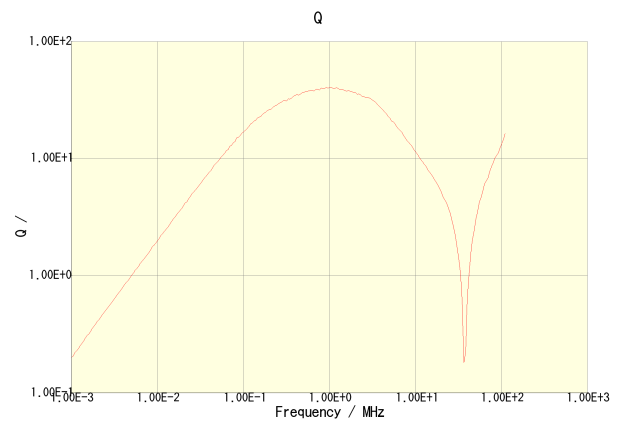
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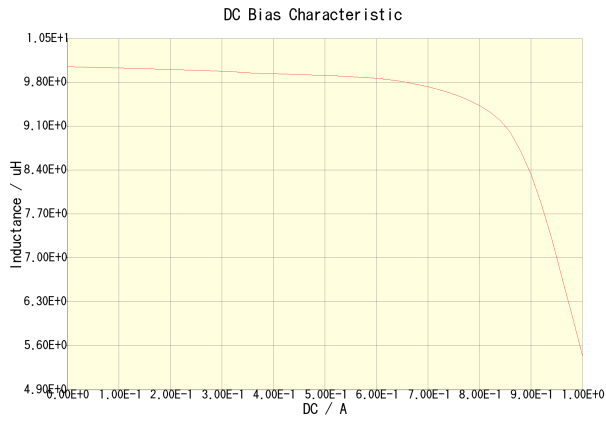


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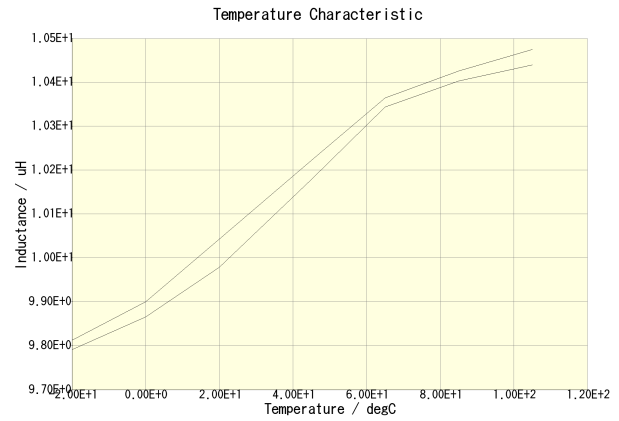
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NLC453232T-100K-PF(Amb. Temp. = 20degc)



NLC453232T-100K-PF(DC = 0A)

NLC453232T-100K-PF(DC = 0.275A)

Temperature Rise by DC
no data available

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