





# NLCV32T-6R8M-EF

Applications		Commercial Grade
Feature		Wire Wound
		No Directivity
		Ferrite Core
Series	NLCV-EF Series / NLCV32-EF Type	
Status	Production	



Size	
Length(L)	3.20mm +/-0.20mm
Width(W)	2.50mm +/-0.20mm
Thickness(T)	2.20mm +/-0.20mm
Recommended Land Pattern (A)	1.20mm Nom.
Recommended Land Pattern (B)	2.00mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

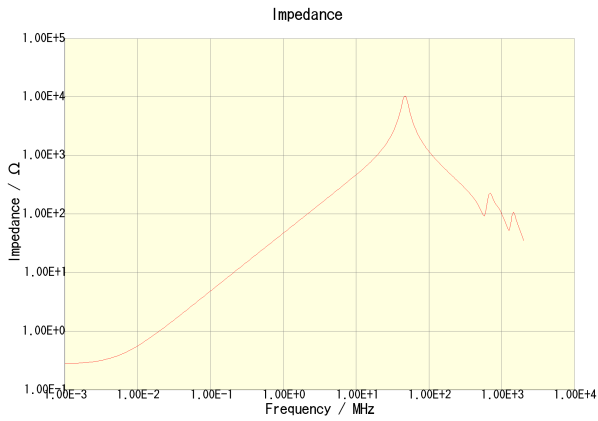
Electrical Characteristics	
Inductance	6.8uH +/-20% at 7.96MHz
Rated Current	530mA
Self-Resonant Frequency [Min.]	38MHz
Q [Typ.]	15 at 7.96MHz
DC Resistance [Nom.]	270mΩ
DC Resistance [Max.]	351mΩ

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	2000Pcs Min.
Weight	0.05g

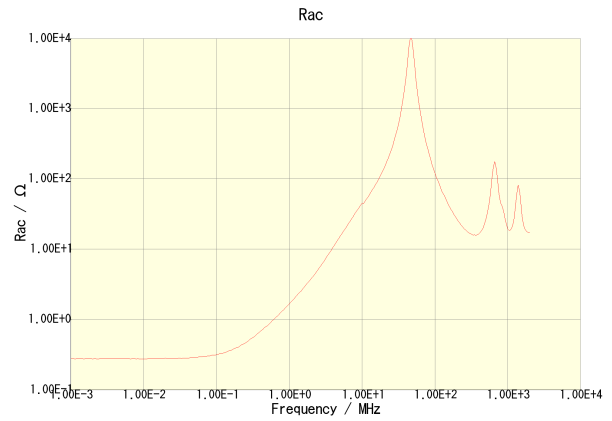
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

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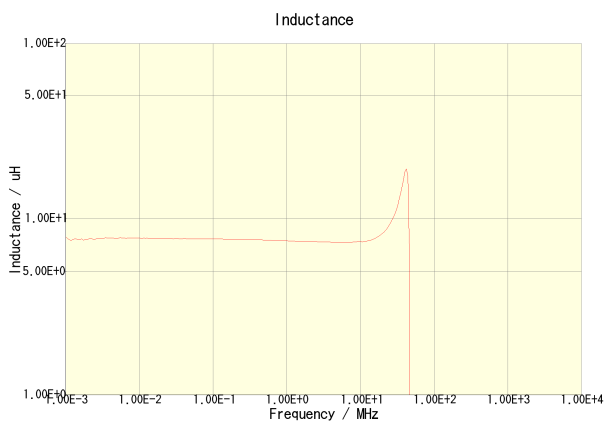
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



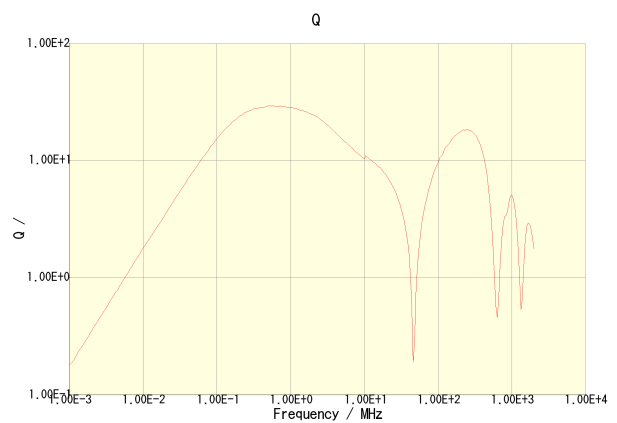
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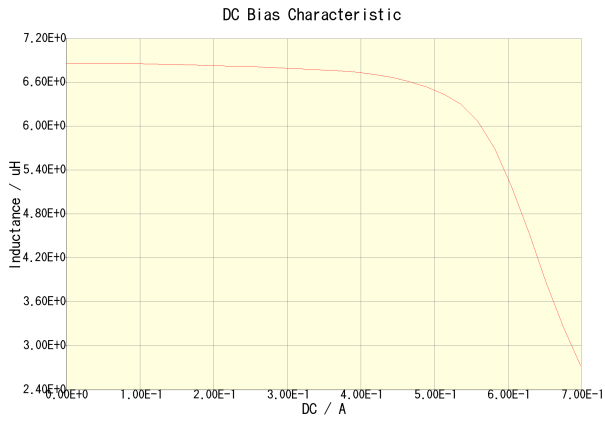


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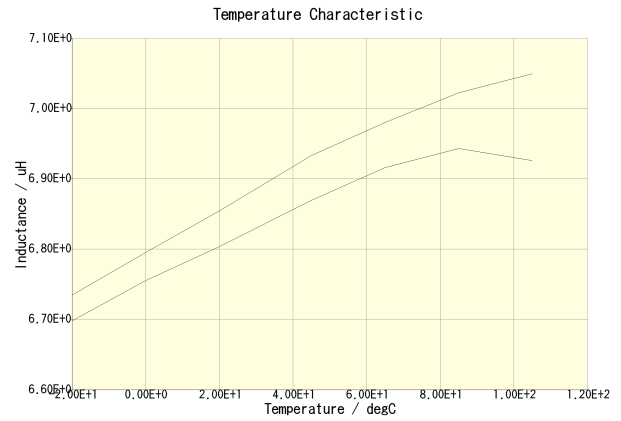
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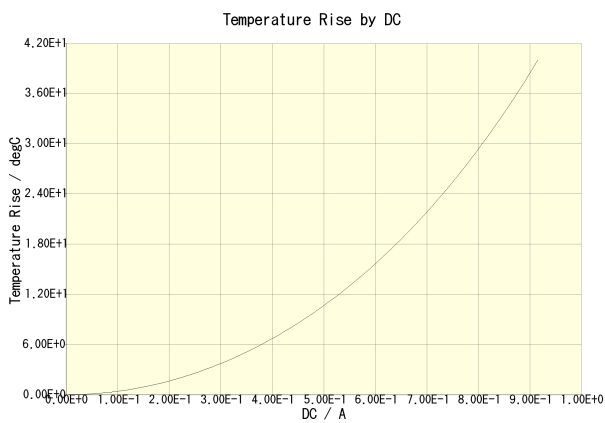


**NLCV32T-6R8M-EF(Amb. Temp. = 20degc)**



**NLCV32T-6R8M-EF(DC = 0A)**

**NLCV32T-6R8M-EF(DC = 0.265A)**



**NLCV32T-6R8M-EF(Amb. Temp. = 20degc)**

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