





# NLCV32T-330K-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.      |

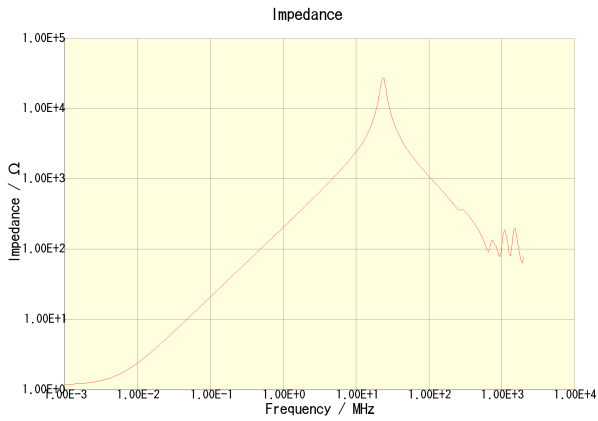
| Electrical Characteristics     |                        |
|--------------------------------|------------------------|
| Inductance                     | 33uH +/-10% at 2.52MHz |
| Rated Current                  | 240mA                  |
| Self-Resonant Frequency [Min.] | 17MHz                  |
| Q [Typ.]                       | 15 at 2.52MHz          |
| DC Resistance [Nom.]           | 1.1Ω                   |
| DC Resistance [Max.]           | 1.43Ω                  |

| 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                                |

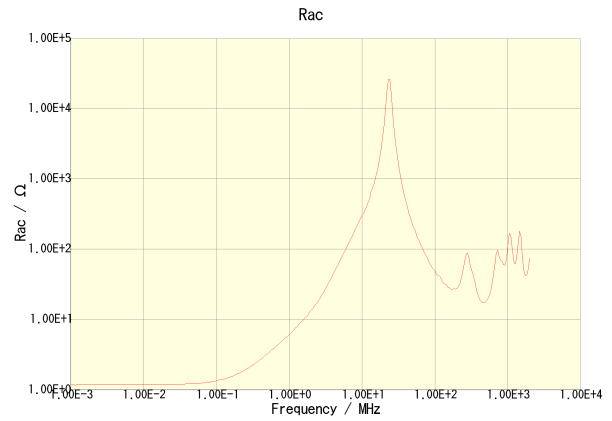
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

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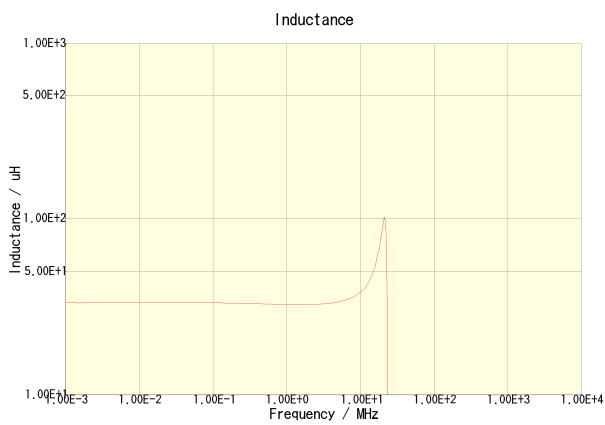
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



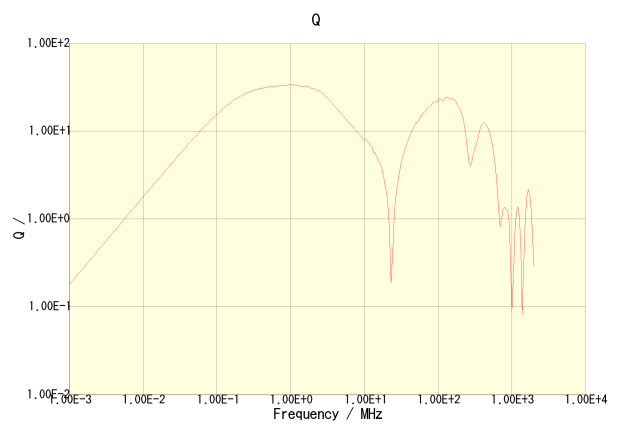
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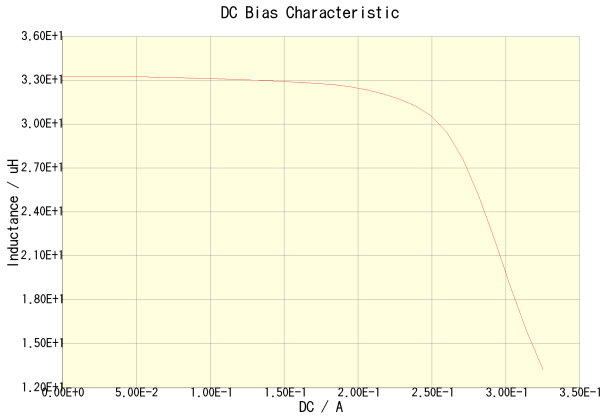


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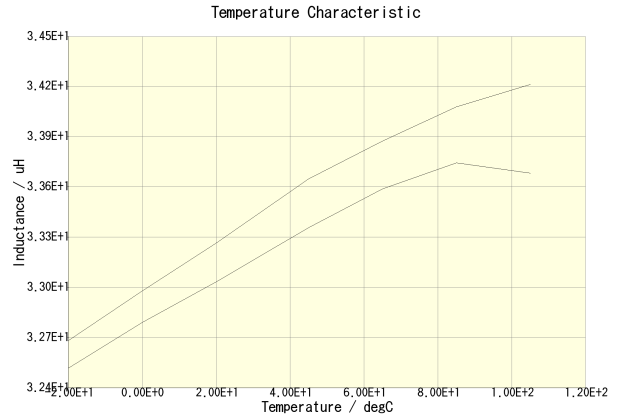
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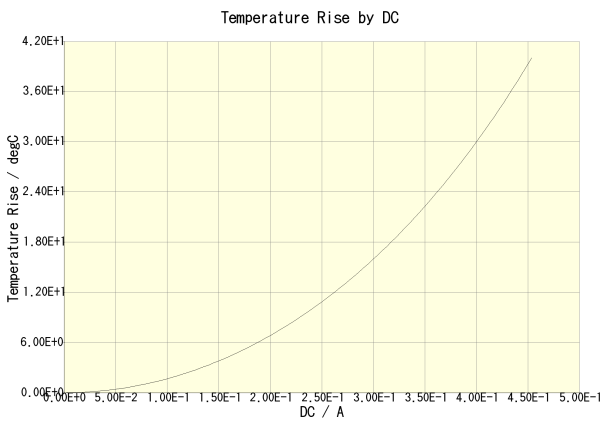


**NLCV32T-330K-EF(Amb. Temp. = 20degc)**



**NLCV32T-330K-EF(DC = 0A)**

**NLCV32T-330K-EF(DC = 0.12A)**



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