Some search functions will be temporarily unavailable on May 30, 2015 (Saturday) from 17:00am to 21:00pm(UTC+9) due to server maintenance.
We apologize for any inconvenience.

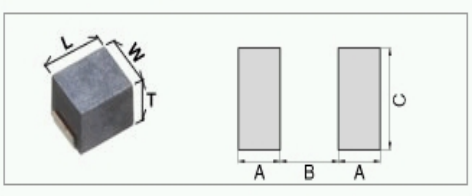
NLV25T-2R2J-EFD Inductors(Coils)

Applications Automotive Grade

Feature Wire Wound, No Directivity, Ferrite Core, AEC-Q200

Series NLV-EFD Series / NLV25-EFD Type

Status Production



Lead Free | Halogen Free | REACH | RoHS COMPLIANT

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REACH Certificate
Product Lineup
FAQ

Design Tools
S-parameter
SPICE Netlist(Simple)
SPICE Netlist(Precision) Request
Components Characteristics Viewer

Size

Length(L)	2.50mm +/-0.20mm
Width(W)	2.00mm +/-0.10mm
Thickness(T)	1.80mm +/-0.10mm
Recommended Land Pattern (A)	1.00mm Nom.
Recommended Land Pattern (B)	1.50mm Nom.
Recommended Land Pattern (C)	1.50mm Nom.

Electrical Characteristics

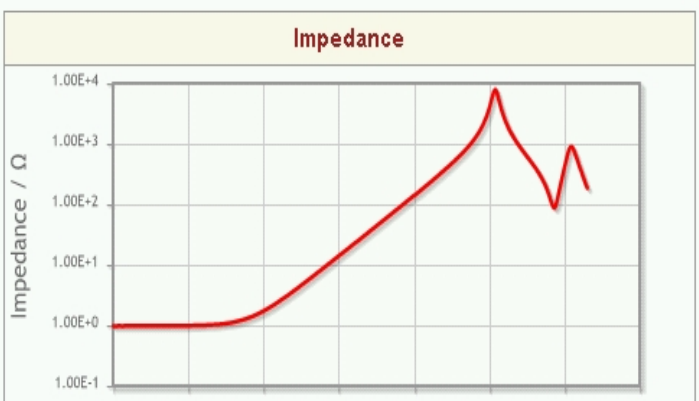
Inductance	2.2uH +/-5% at 7.96MHz
Rated Current	200mA
Self-Resonant Frequency [Min.]	105MHz
Q [Min.]	30 at 7.96MHz
DC Resistance [Max.]	1.55Ω

Other

Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Flow, Reflow, Iron Soldering
AEC Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.
Weight	0.025g

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

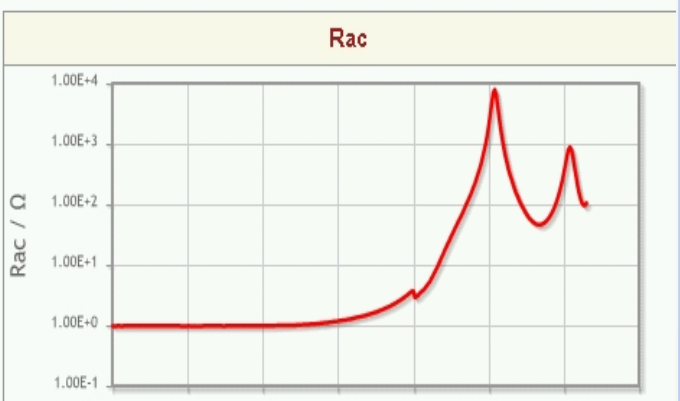
Impedance



NLV25T-2R2J-EFD

Zoom

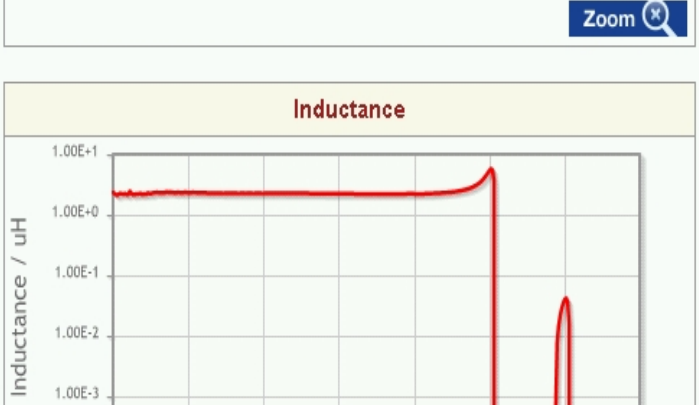
Rac



NLV25T-2R2J-EFD

Zoom

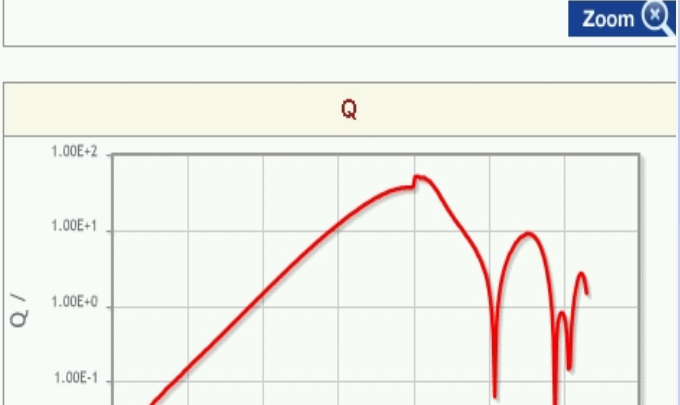
Inductance



NLV25T-2R2J-EFD

Zoom

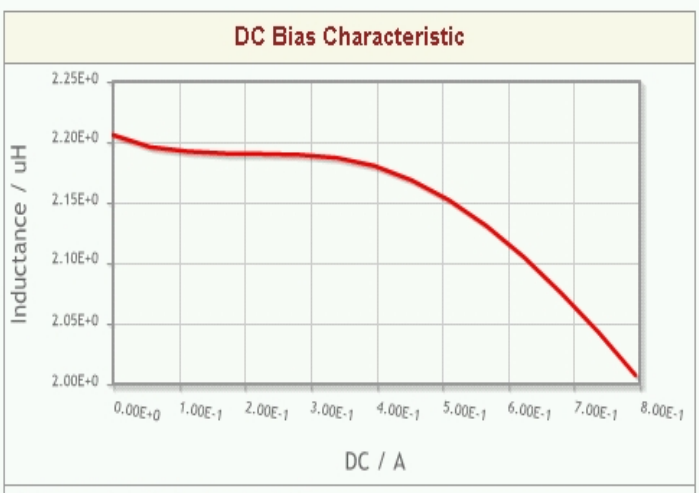
Q



NLV25T-2R2J-EFD

Zoom

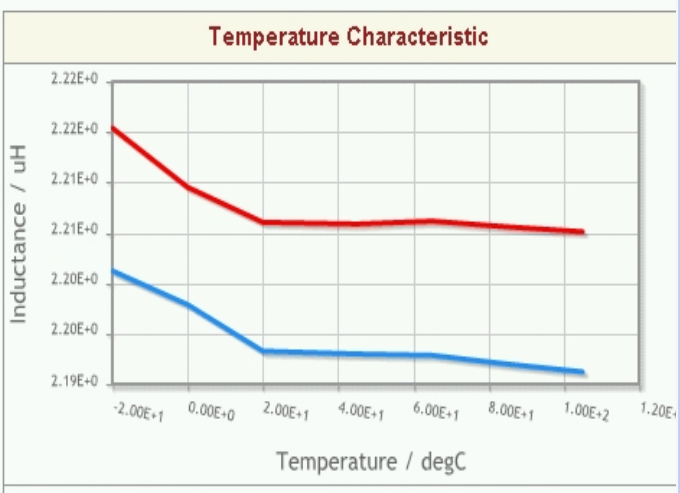
DC Bias Characteristic



NLV25T-2R2J-EFD(Amb. Temp. = 20degC)

Zoom

Temperature Characteristic



NLV25T-2R2J-EFD(DC = 0A) NLV25T-2R2J-EFD(DC = 0.1A)

Zoom

Temperature Rise by DC

no data available

Zoom

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