

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

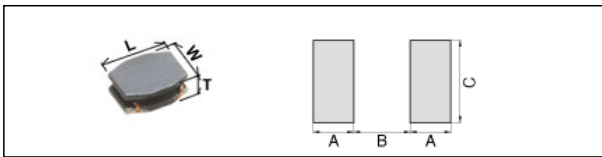
[TDK Corporation](#)
[VLS252010ET-1R0N-CA](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

VLS252010ET-1R0N-CA

Applications	Automotive Grade
Feature	Wire Wound
	Magnetic Shield
	Ferrite Core
Series	VLS-E Series / VLS252010E-CA Type
Status	PROD



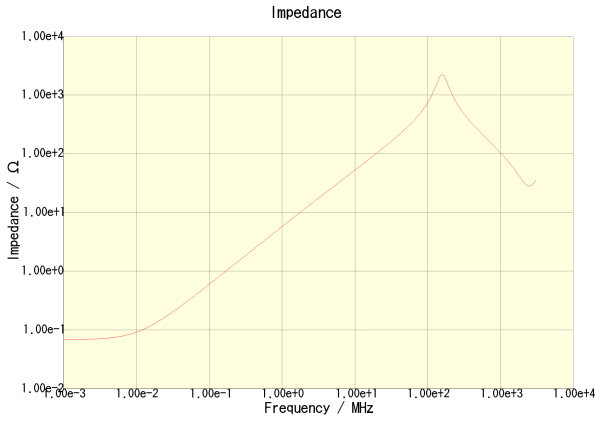
Size	
Length(L)	2.50mm +/-0.10mm
Width(W)	2.00mm +/-0.10mm
Thickness(T)	1.00mm Max.
Recommended Land Pattern (A)	0.85mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics	
Inductance	1uH +/-30% at 1MHz
Rated Current (L Change) [Typ.]	1.9A (30% Down)
Rated Current (L Change) [Max.]	1.75A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.9A (40degC Rise)
DC Resistance [Nom.]	70mΩ
DC Resistance [Max.]	84mΩ

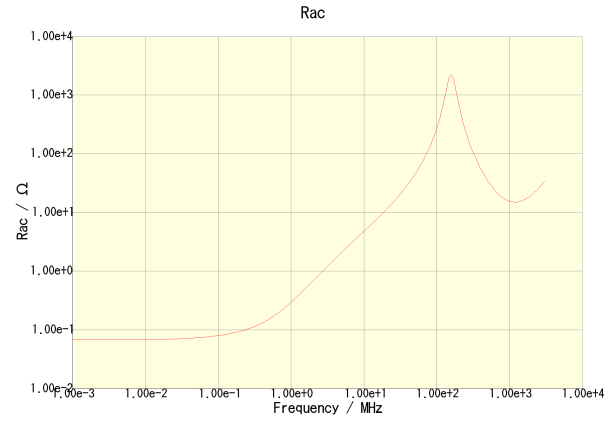
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.
Weight	0.017g

VLS252010ET-1R0N-CA

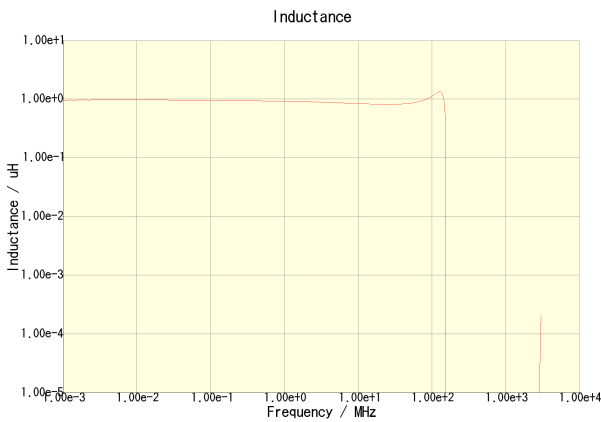
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



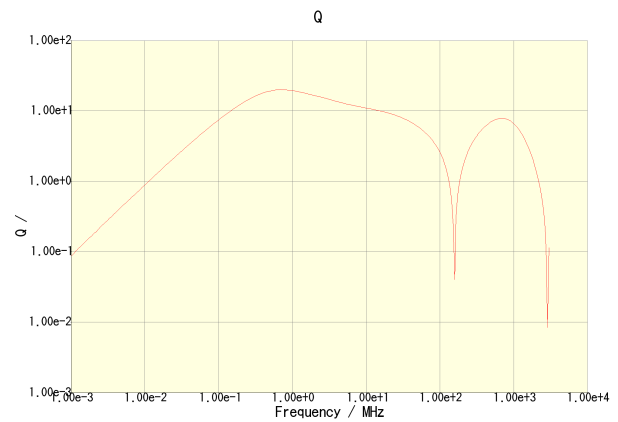
VLS252010ET-1R0N-CA



VLS252010ET-1R0N-CA



VLS252010ET-1R0N-CA

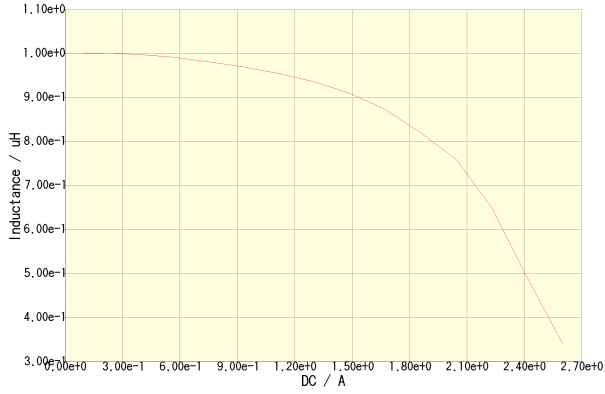


VLS252010ET-1R0N-CA

VLS252010ET-1R0N-CA

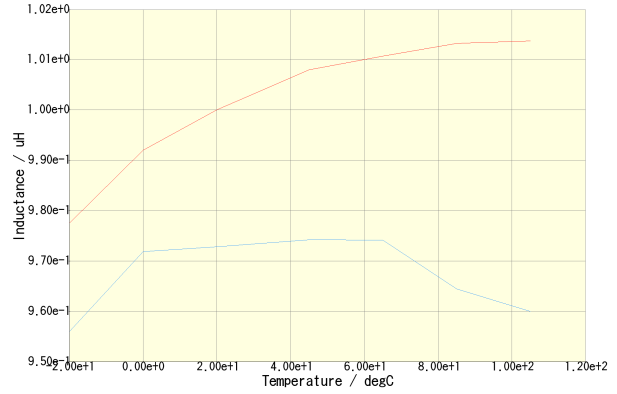
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

DC Bias Characteristic



VLS252010ET-1R0N-CA(Amb. Temp. = 20degc)

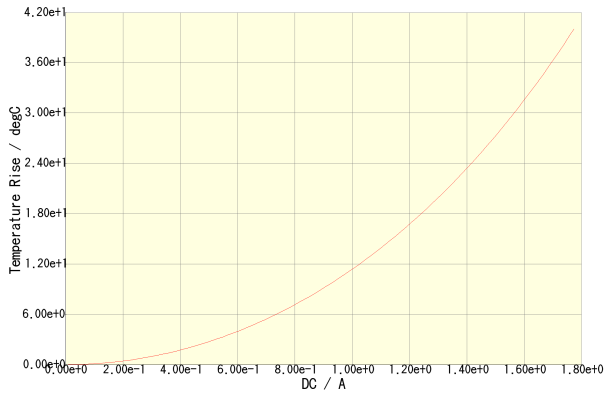
Temperature Characteristic



VLS252010ET-1R0N-CA(DC = 0A)

VLS252010ET-1R0N-CA(DC = 0.875A)

Temperature Rise by DC



VLS252010ET-1R0N-CA(Amb. Temp. = 20degc)