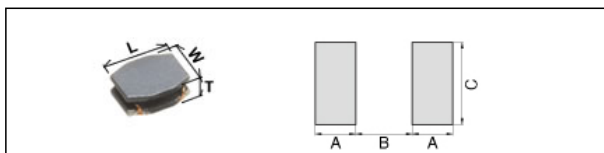


VLS252010ET-2R2M

Applications		Commercial Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
Series	VLS-E Series / VLS252010E Type	
Status	Production (Recommended Alternate Part is available.)(Recommended Alternate Part Number:VLS252010CX-2R2M)	



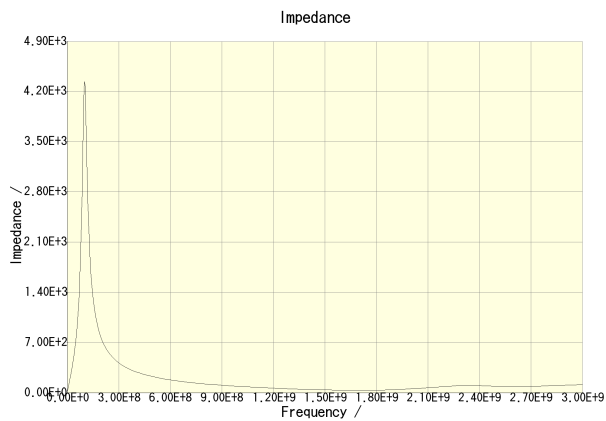
Size	
Length(L)	2.50mm +/-0.10mm
Width(W)	2.00mm +/-0.10mm
Thickness(T)	1.00mm Max.
Recommended Land Pattern (A)	0.85mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics	
Inductance	2.2uH +/-20% at 1MHz
Rated Current (L Change) [Typ.]	1.3A (30% Down)
Rated Current (L Change) [Max.]	1.2A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.2A (40degC Rise)
DC Resistance [Nom.]	158mΩ
DC Resistance [Max.]	190mΩ

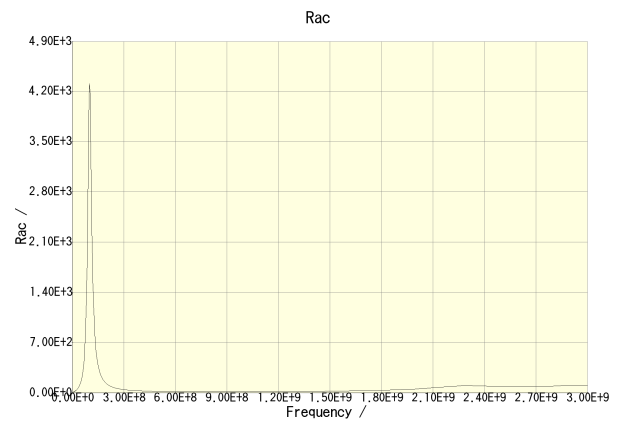
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.
Weight	0.017g

VLS252010ET-2R2M

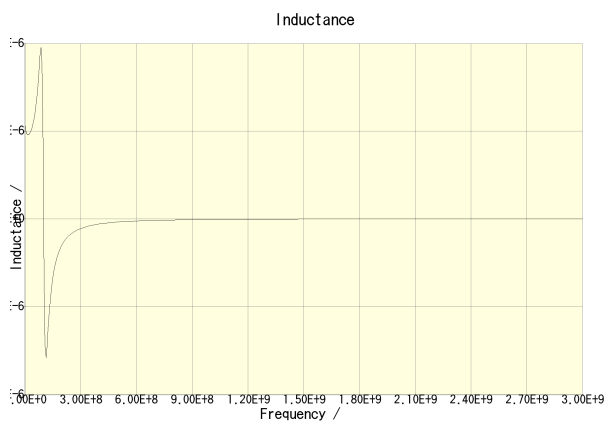
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



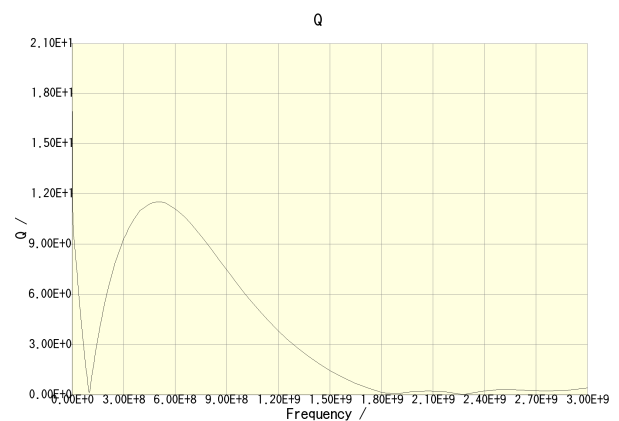
VLS252010ET-2R2M



VLS252010ET-2R2M



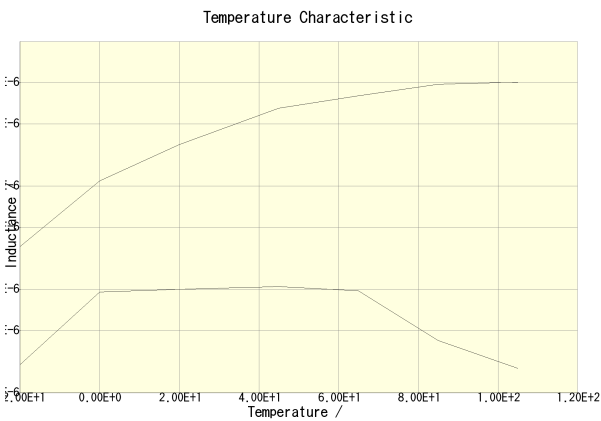
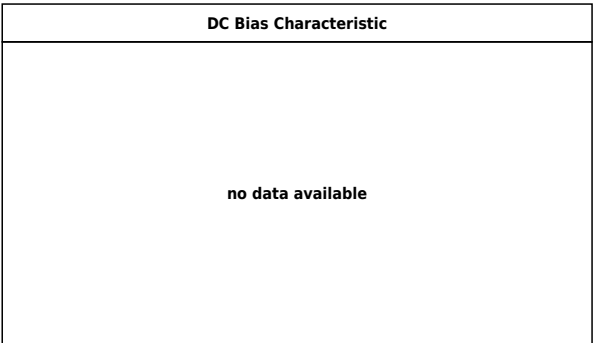
VLS252010ET-2R2M



VLS252010ET-2R2M

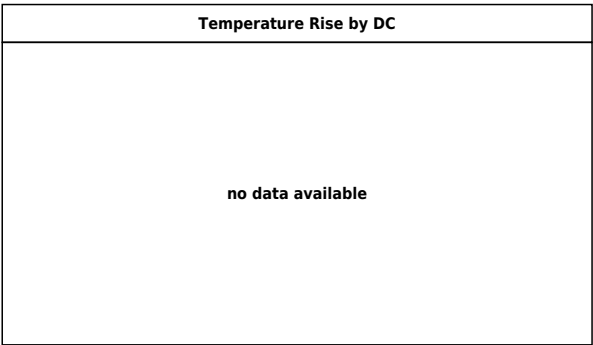
VLS252010ET-2R2M

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



VLS252010ET-2R2M(DC = 0A)

VLS252010ET-2R2M(DC = 0.6A)



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