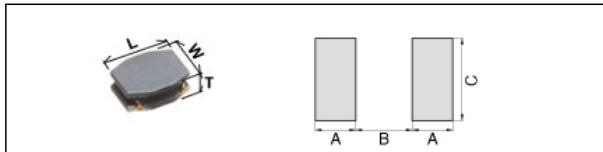


VLS4012ET-100M

Applications		Commercial Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
Series	VLS-E Series / VLS4012E Type	
Status	Production	



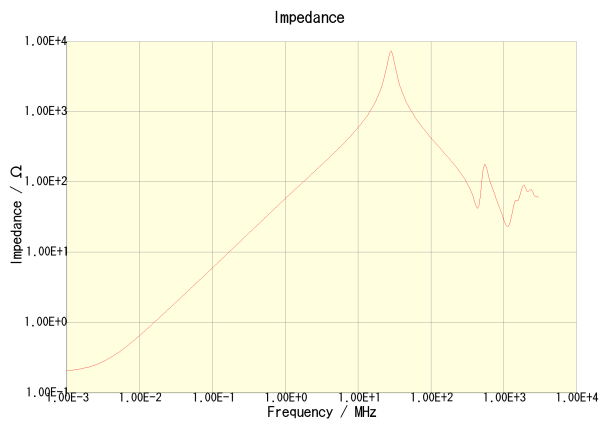
Size	
Length(L)	4.00mm +/-0.10mm
Width(W)	4.00mm +/-0.10mm
Thickness(T)	1.20mm Max.
Recommended Land Pattern (A)	1.30mm Nom.
Recommended Land Pattern (B)	1.40mm Nom.
Recommended Land Pattern (C)	4.00mm Nom.

Electrical Characteristics	
Inductance	10uH +/-20% at 1MHz
Rated Current (L Change) [Typ.]	990mA (30% Down)
Rated Current (L Change) [Max.]	890mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.33A (40degC Rise)
DC Resistance [Nom.]	190mΩ
DC Resistance [Max.]	228mΩ

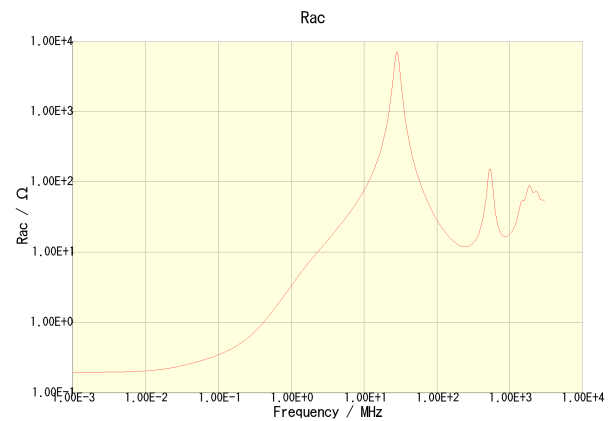
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	1000Pcs Min.
Weight	0.067g

VLS4012ET-100M

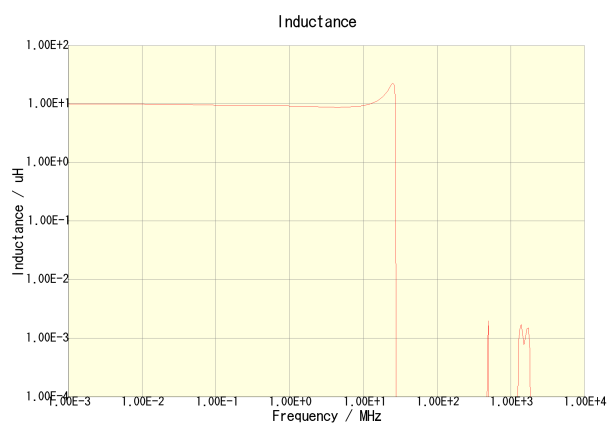
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



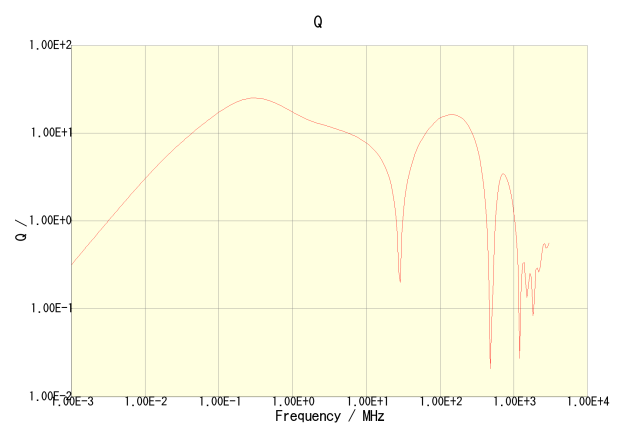
VLS4012ET-100M



VLS4012ET-100M



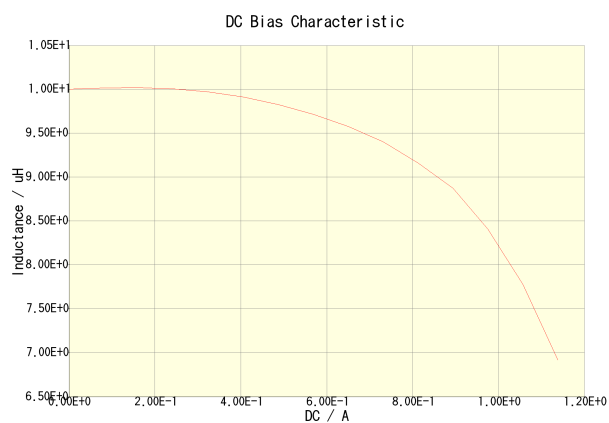
VLS4012ET-100M



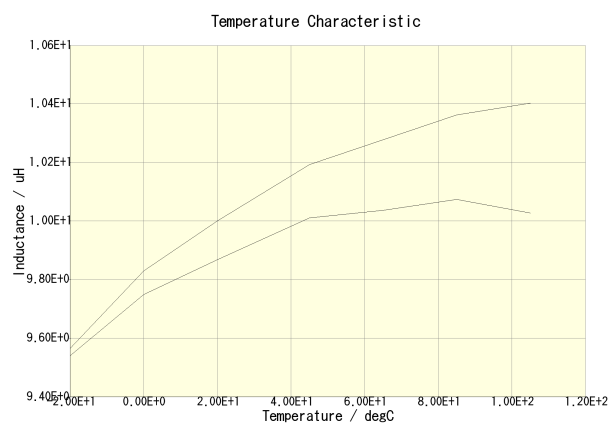
VLS4012ET-100M

VLS4012ET-100M

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

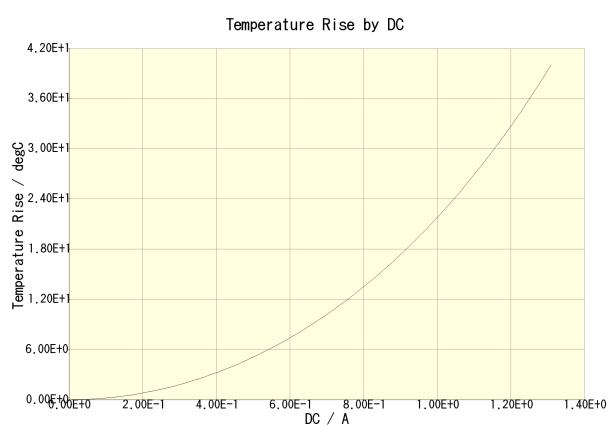


VLS4012ET-100M(Amb. Temp. = 20degc)



VLS4012ET-100M(DC = 0A)

VLS4012ET-100M(DC = 0.445A)



VLS4012ET-100M(Amb. Temp. = 20degc)