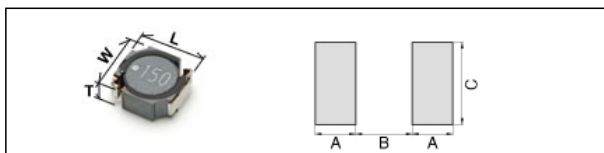


VLF12060T-1R8N120

Applications		Commercial Grade
Feature		Wire Wound
		Magnetic Shield
		Ferrite Core
Series	VLF Series / VLF12060 Type	
Status	Production	



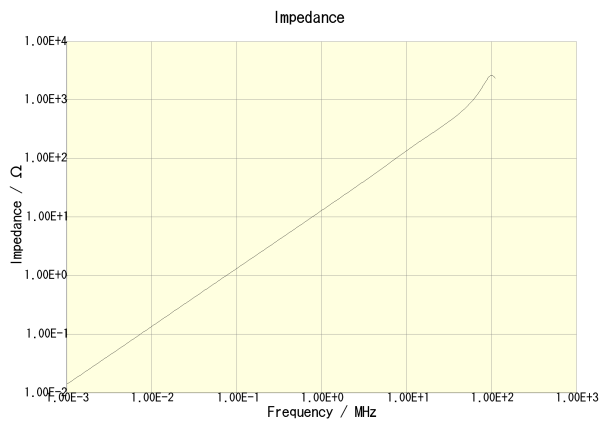
Size	
Length(L)	12.00mm Nom.
Width(W)	11.70mm Nom.
Thickness(T)	6.00mm Max.
Recommended Land Pattern (A)	2.80mm Nom.
Recommended Land Pattern (B)	7.00mm Nom.
Recommended Land Pattern (C)	5.40mm Nom.

Electrical Characteristics	
Inductance	1.8uH +/-30% at 100kHz
Rated Current (L Change) [Max.]	14.6A (30% Down)
Rated Current (Temperature Rise) [Typ.]	12A (40degC Rise)
DC Resistance [Nom.]	3.6mΩ
DC Resistance [Max.]	4.4mΩ

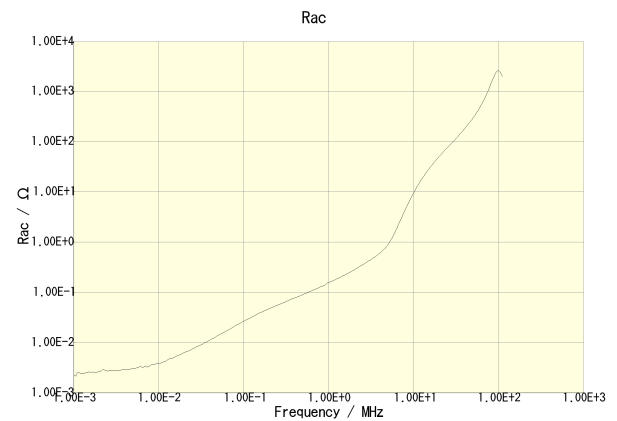
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [330mm Reel]
Package Quantity	500Pcs Min.
Weight	2.91g

VLF12060T-1R8N120

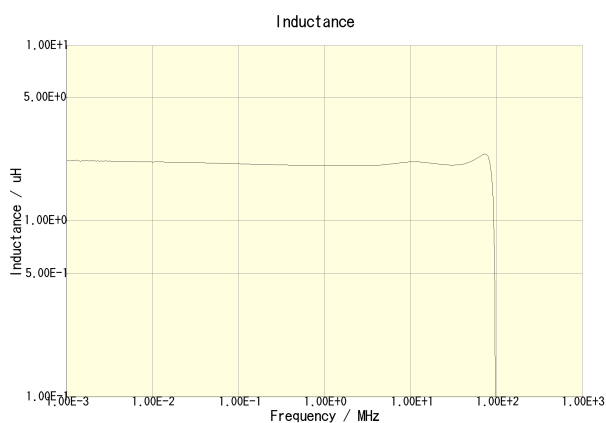
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



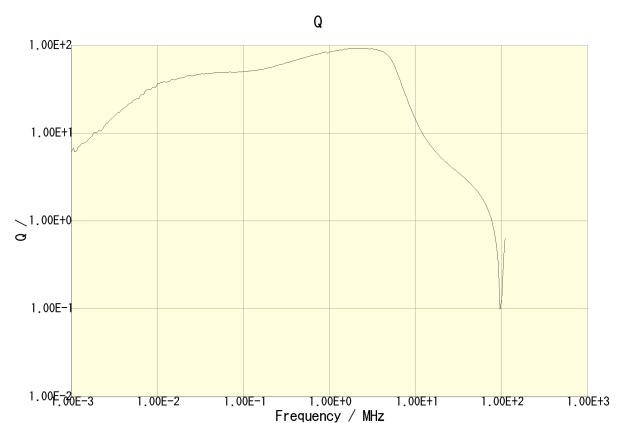
VLF12060T-1R8N120



VLF12060T-1R8N120



VLF12060T-1R8N120



VLF12060T-1R8N120

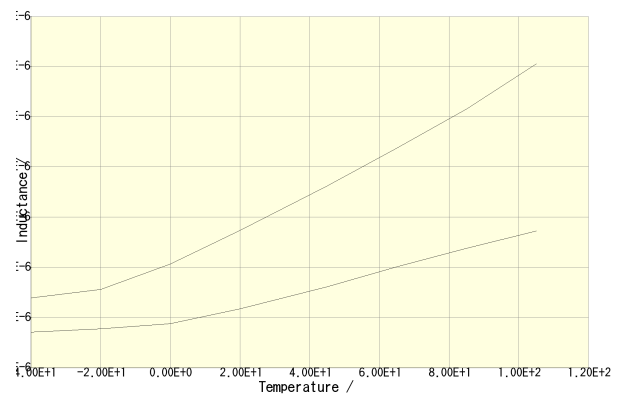
VLF12060T-1R8N120

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

DC Bias Characteristic

no data available

Temperature Characteristic



VLF12060T-1R8N120(DC = 0A)

VLF12060T-1R8N120(DC = 6A)

Temperature Rise by DC

no data available