






	Production (NRND)
Product Status	Recommended Alternate Part No. : VLS252010CX-4R7M-1 (Interchangeability is not guaranteed.)
Applications	Commercial Grade
Feature	Wire WoundWire Wound ShieldMagnetic Shield Ferrite CoreFerrite Core
Series Type	VLS-E
Status	 Production (Not Recommended for New Design) Recommended Alternate Part No. : VLS252010CX-4R7M-1 (Interchangeability is not guaranteed.)
Brand	TDK
Environmental Compliance	 RoHS  REACH  Halogen Free  Lead Free




Size	
Length(L)	2.50mm ±0.10mm
Width(W)	2.00mm ±0.10mm
Thickness Height	1.20mm 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	4.7μH ±20% at 1MHz
Rated Current (L Change) [Typ.]	1.2A (30% Down)
Rated Current (L Change) [Max.]	1.05A (30% Down)
Rated Current (Temperature Rise) [Typ.]	810mA (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	338mΩ
DC Resistance [Max.]	405mΩ
Rated Voltage [Max.]	
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

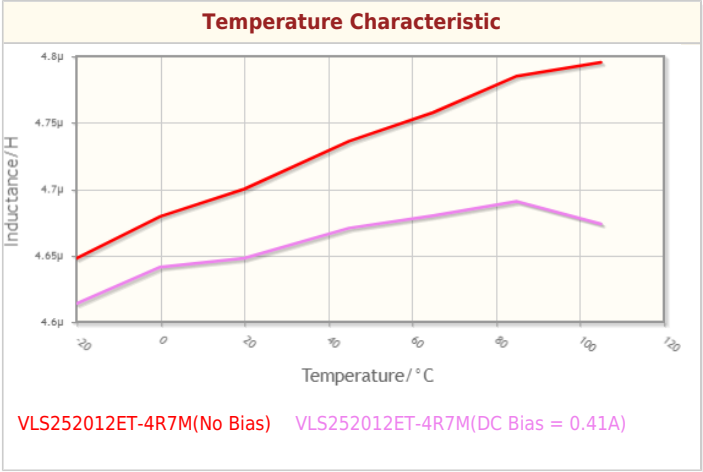
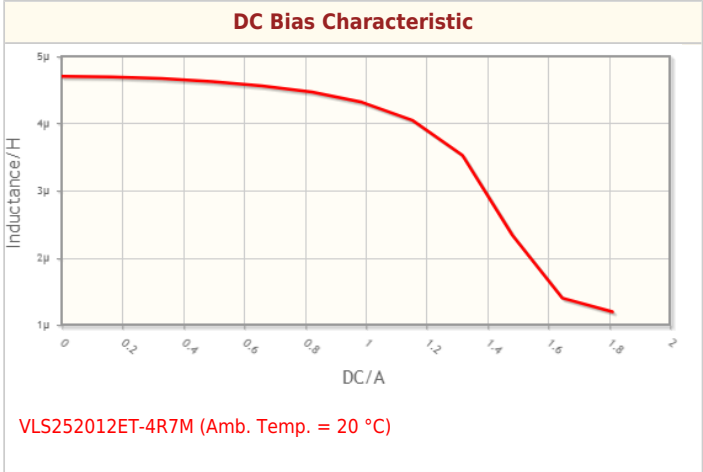
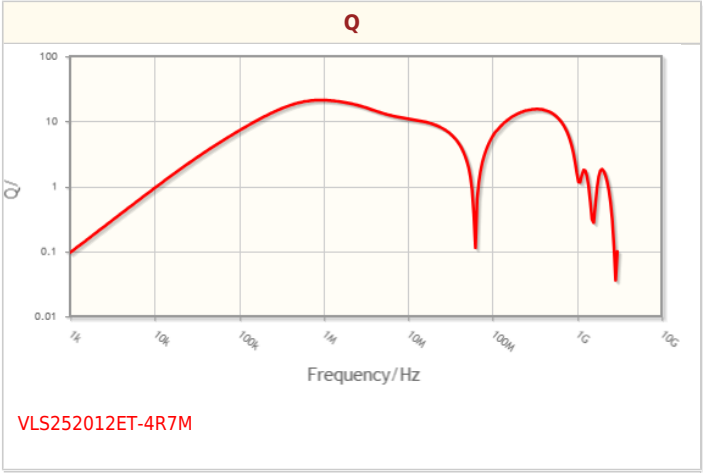
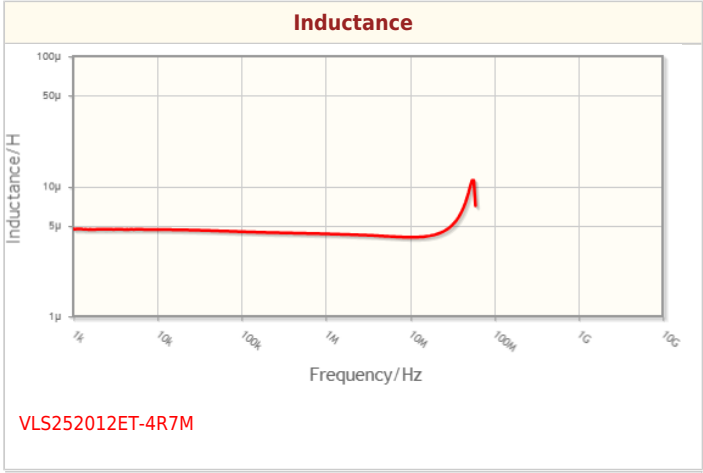
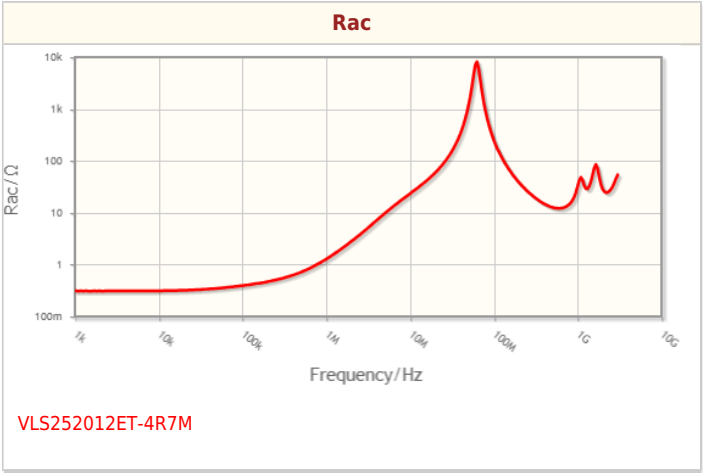
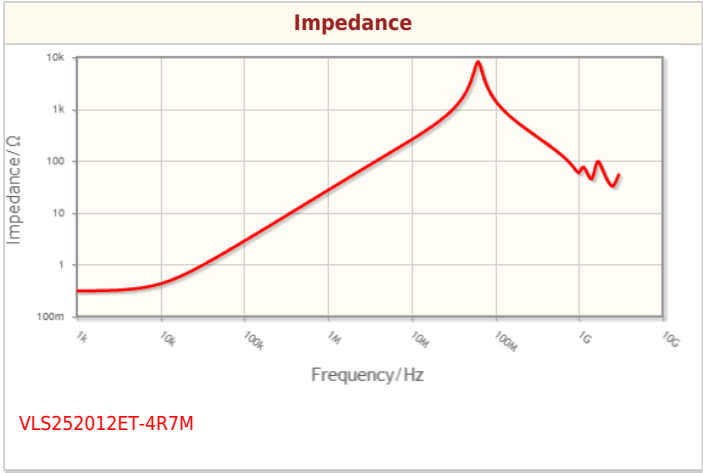
Other	
Operating Temp. Range	-40 to 105°C (Including Self-Temp. Rise)

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

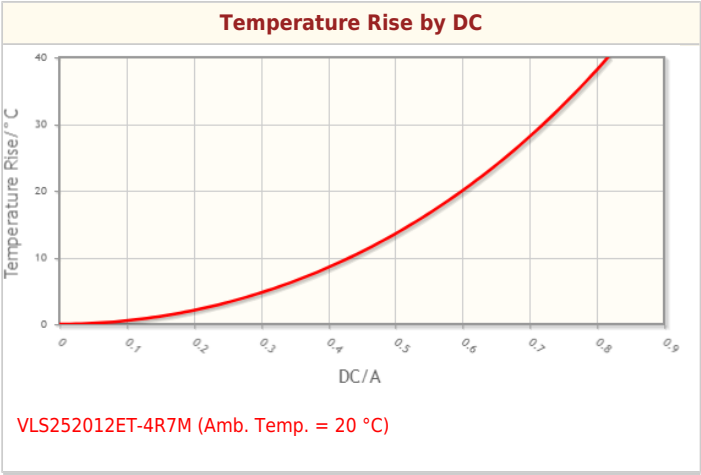
VLS252012ET-4R7M

Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.024g
FIT (Failure In Time)	 This will be displayed when you login to myTDK

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



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Associated Images

