

	Production (NRND)
Product Status	Recommended Alternate Part No. : TFM252012ALMA2R2MTAA (Interchangeability is not guaranteed.)
Applications	Automotive Grade
Feature	Wire WoundWire Wound
	ShieldMagnetic Shield
	Ferrite CoreFerrite Core
Series Type	VLS-E
Brand	TDK
Environmental Compliance	RoHS REACH Halogen Free Lead Free



Size	
Length(L)	3.00mm ±0.10mm
Width(W)	3.00mm ±0.10mm
Thickness Height	1.50mm Max.
Recommended Land Pattern (A)	1.00mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	3.00mm Nom.

Electrical Characteristics	
Inductance	2.2μH ±20% at 1MHz
Rated Current (L Change) [Typ.]	1.5A (30% Down)
Rated Current (L Change) [Max.]	1.35A (30% Down)
Rated Current (Temperature Rise) [Typ.]	1.75A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	70mΩ
DC Resistance [Max.]	84mΩ
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)
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]

! Images are for reference only and show exemplary products.

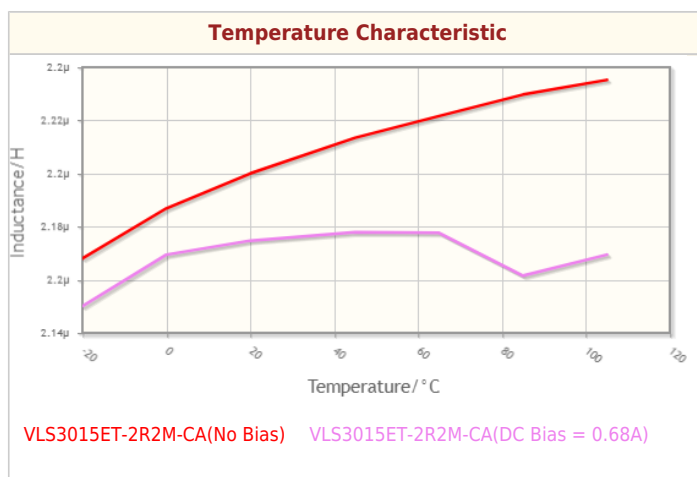
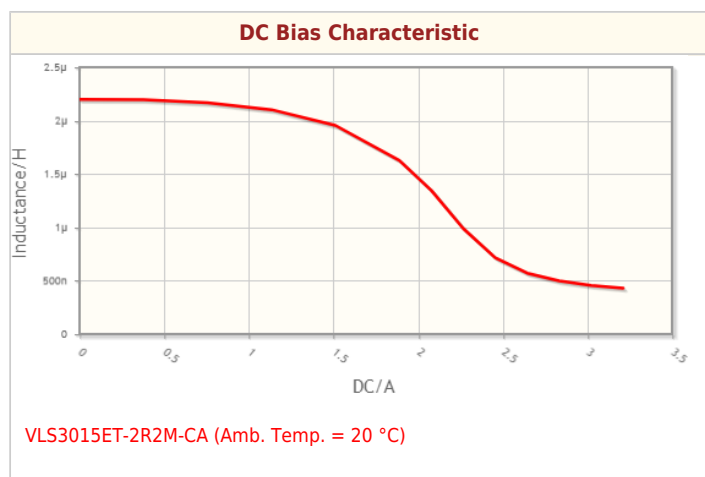
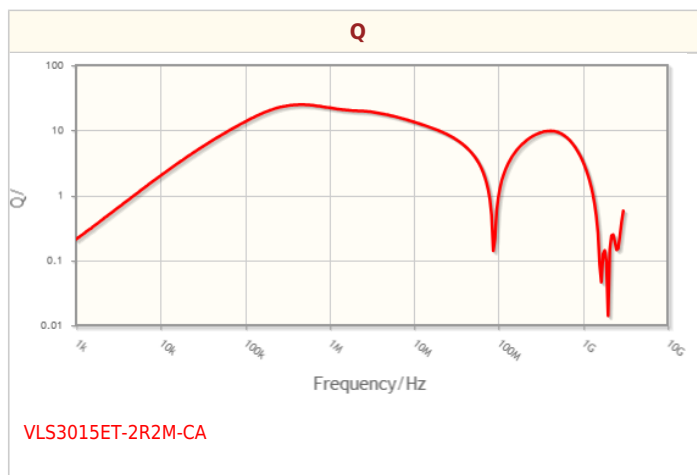
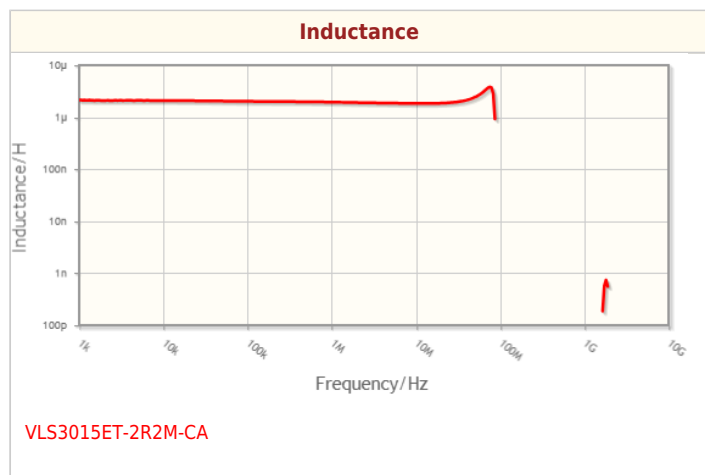
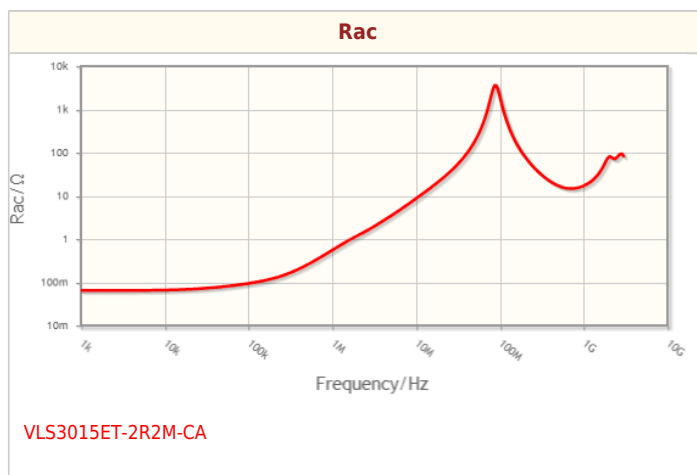
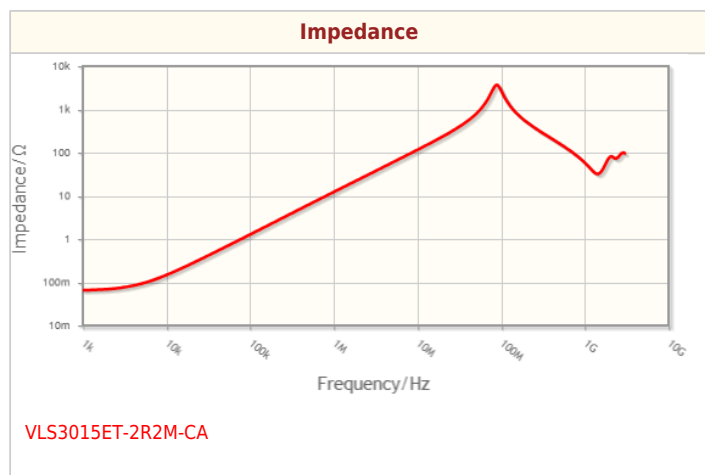
! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

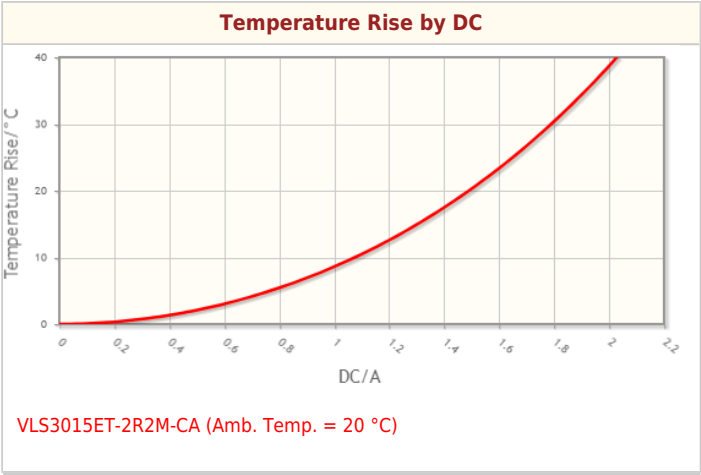
Package Quantity	2000pcs
Weight	0.052g

VLS3015ET-2R2M-CA

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



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Associated Images

