

## SMD / SMT Inductors (Coils)

VLS252008ET-4R7M-CA

RoHS Reach Halogen Free Pb Free

<b>Applications</b>	Automotive Grade
<b>Feature</b>	<span style="border: 1px solid red; padding: 2px;">Wire Wound</span> Wire Wound <span style="border: 1px solid green; padding: 2px;">Shield</span> Magnetic Shield <span style="border: 1px solid gray; padding: 2px;">Ferrite Core</span> Ferrite Core
<b>Series   Type</b>	VLS-E
<b>Status</b>	Production (Not Recommended for New Design) Recommended Alternate Part No. : <a href="#">TFM252012ALMA4R7MTAA</a> (Interchangeability is not guaranteed.)
<b>Brand</b>	TDK



Size	
Length(L)	2.50mm ±0.10mm
Width(W)	2.00mm ±0.10mm
Thickness   Height	0.80mm 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.]	680mA (30% Down)
Rated Current (L Change) [Max.]	610mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	590mA (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	483mΩ
DC Resistance [Max.]	580mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

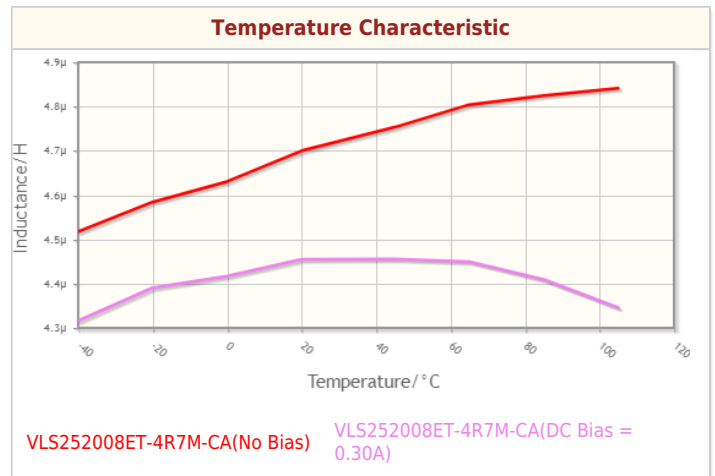
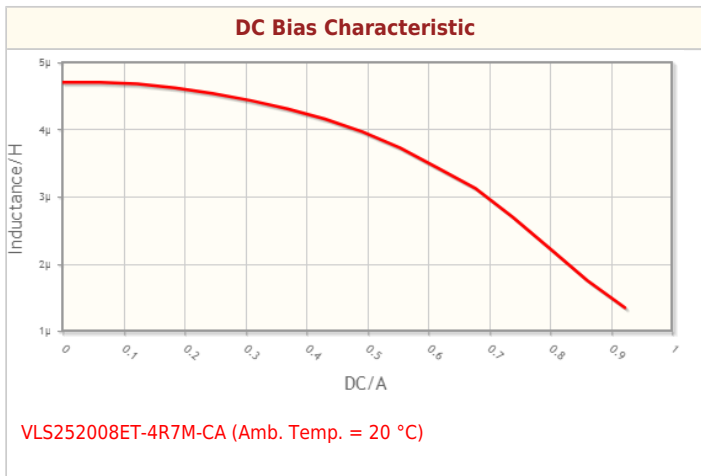
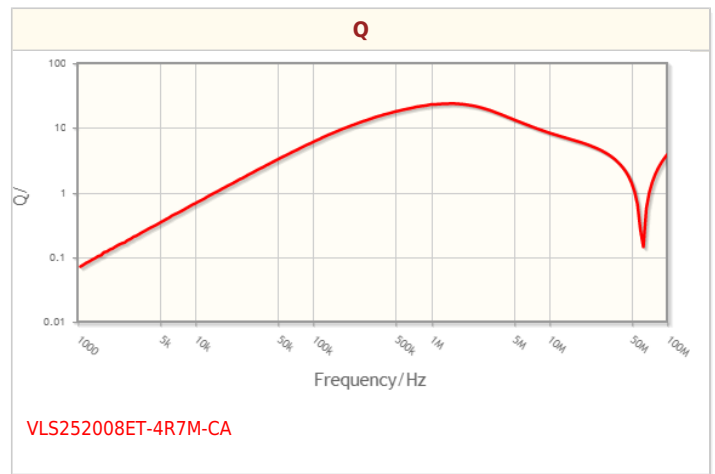
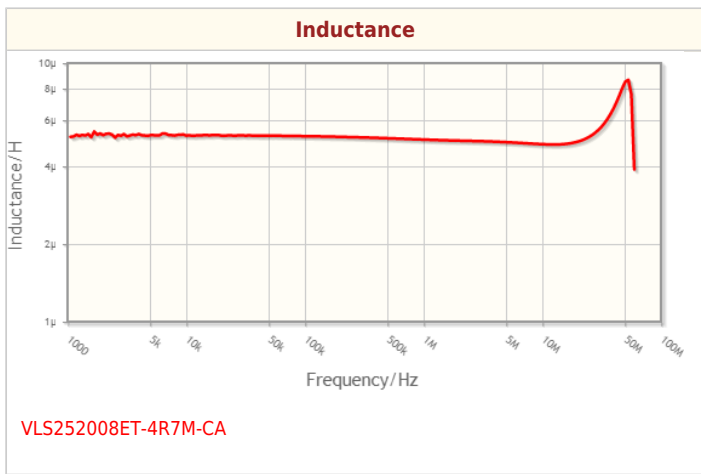
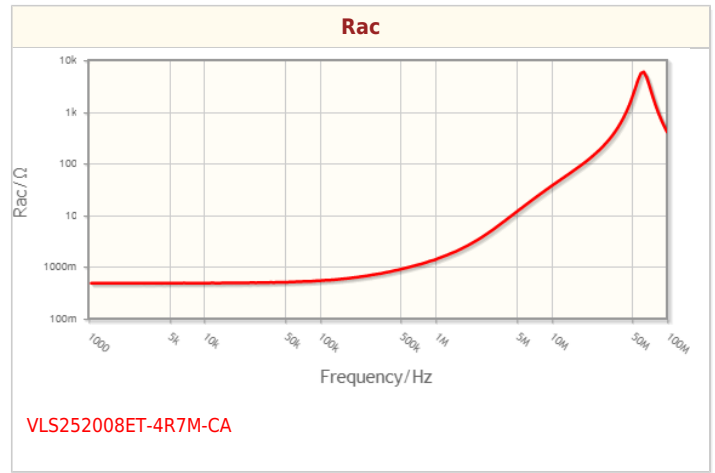
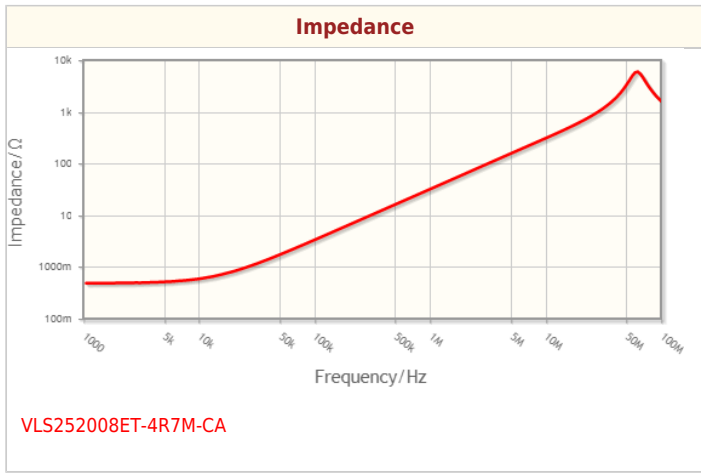
Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs
Weight	0.015g

! Images are for reference only and show exemplary products.

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

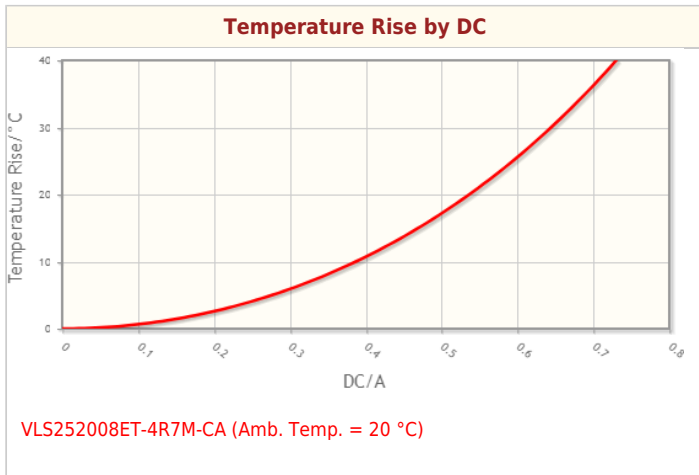
! All specifications are subject to change without notice.

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



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## Associated Images

