

VLS252010ET-4R7M

**Applications**

Commercial Grade

Wire Wound

Magnetic Shield

Ferrite Core

**Series | Type**

VLS-E



Production (Not Recommended for New Design)

**Status**Recommended Alternate Part No. : [VLS252010CX-4R7M-1](#) (Interchangeability is not guaranteed.)**Brand**

TDK

**Size**

Length(L)	2.50mm $\pm 0.10$ mm
Width(W)	2.00mm $\pm 0.10$ mm
Thickness   Height	1.00mm 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	4.7 $\mu$ H $\pm 20\%$ at 1MHz
Rated Current (L Change) [Typ.]	890mA (30% Down)
Rated Current (L Change) [Max.]	800mA (30% Down)
Rated Current (Temperature Rise) [Typ.]	820mA (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	332m $\Omega$
DC Resistance [Max.]	398m $\Omega$
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.

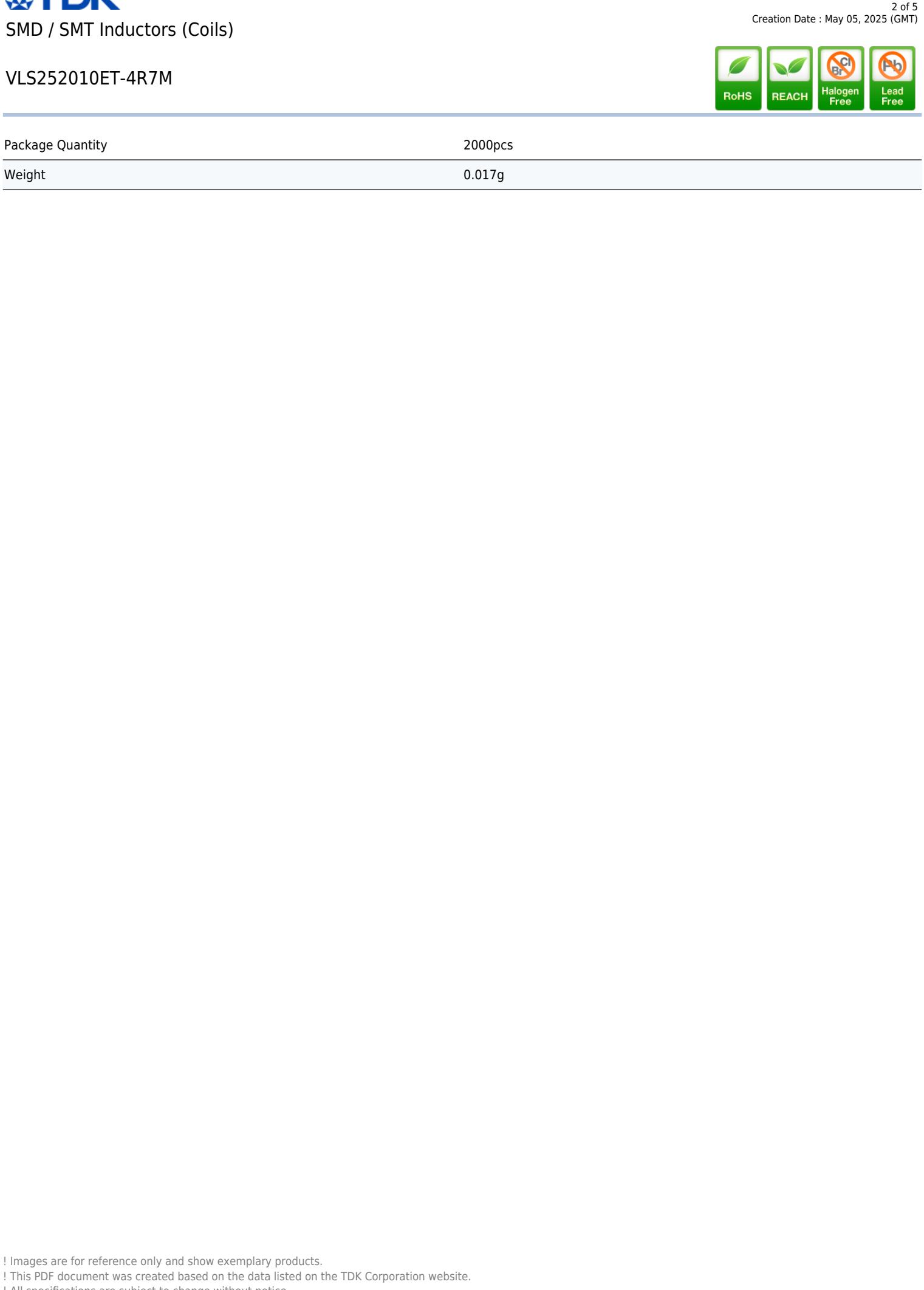
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Package Quantity	2000pcs
Weight	0.017g

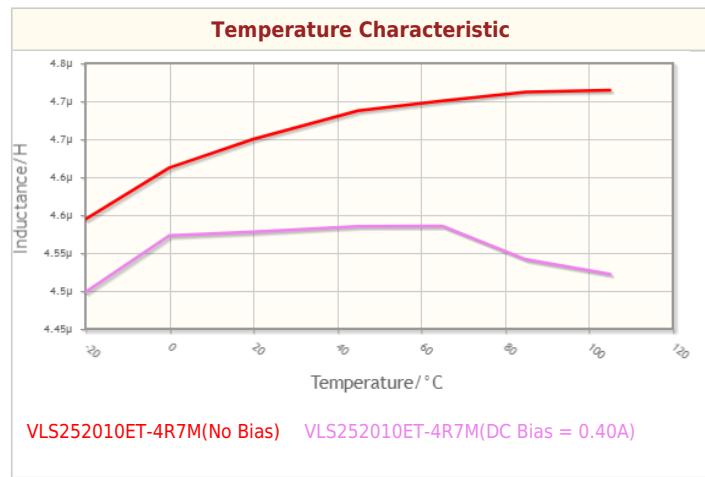
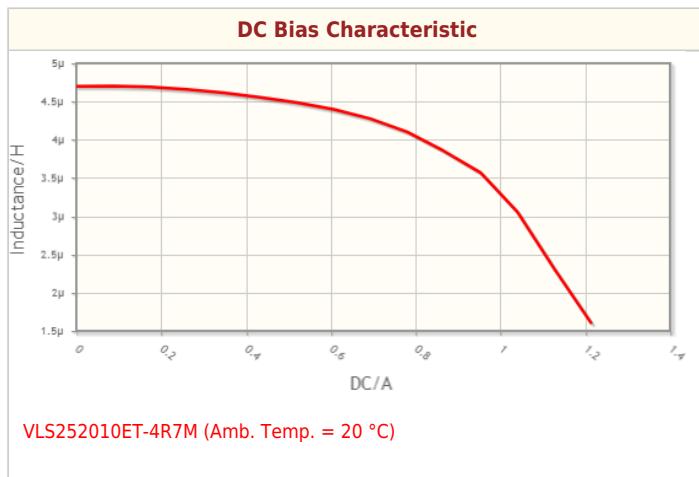
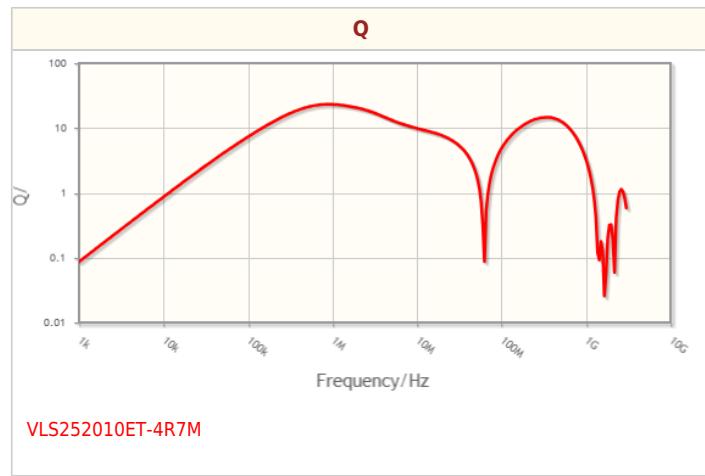
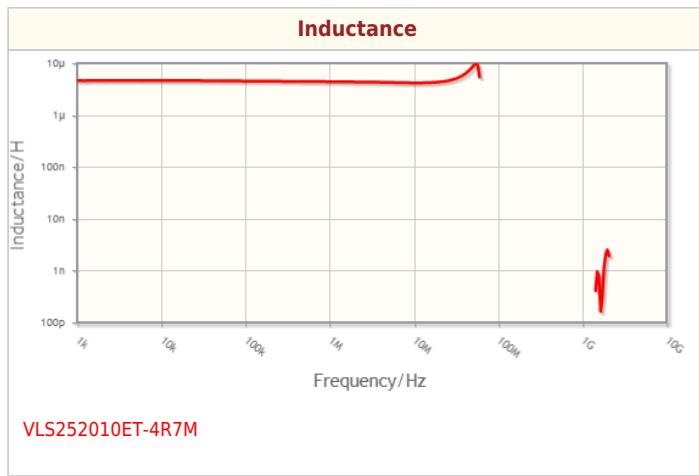
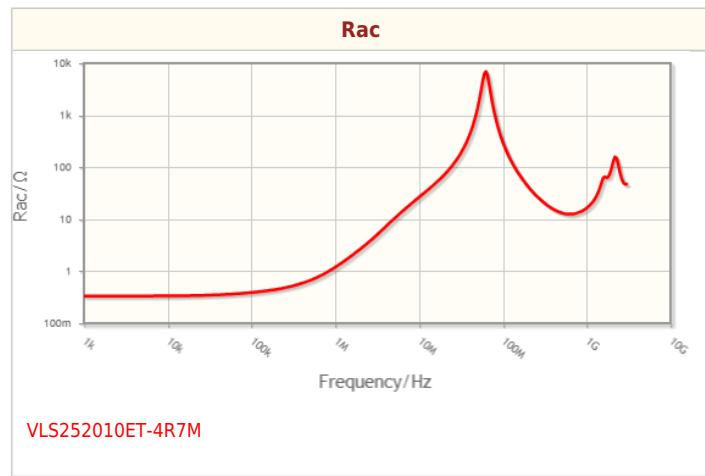
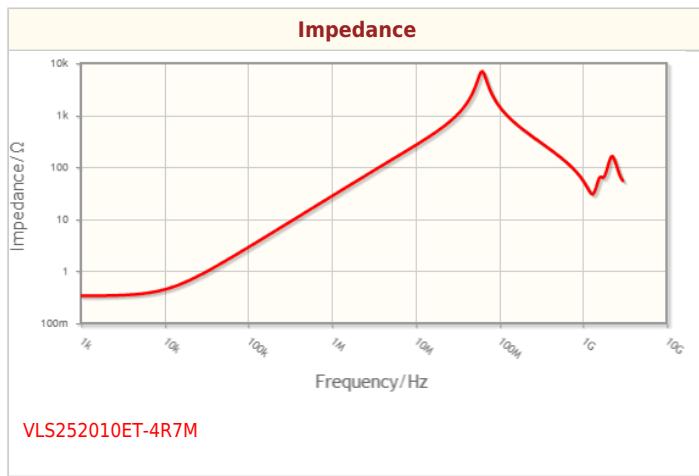


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## Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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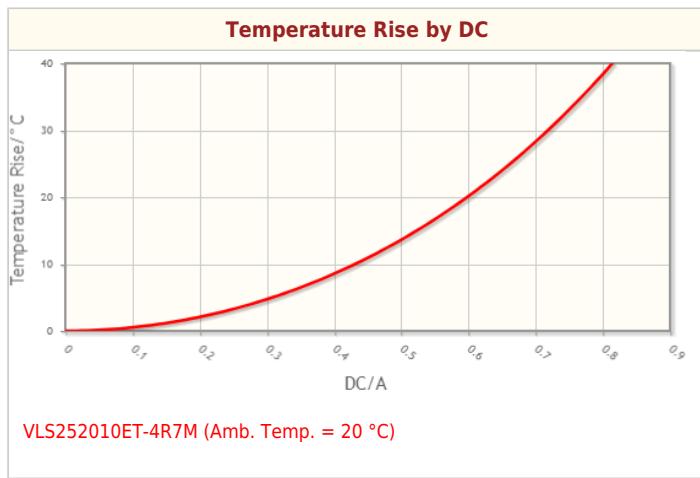
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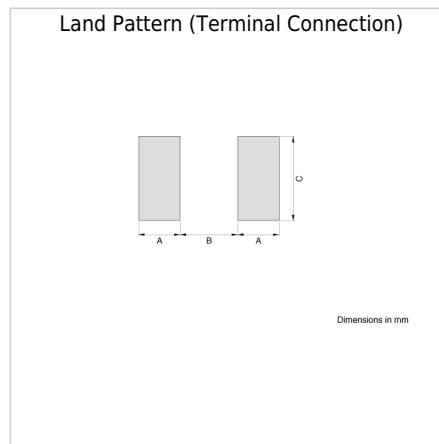
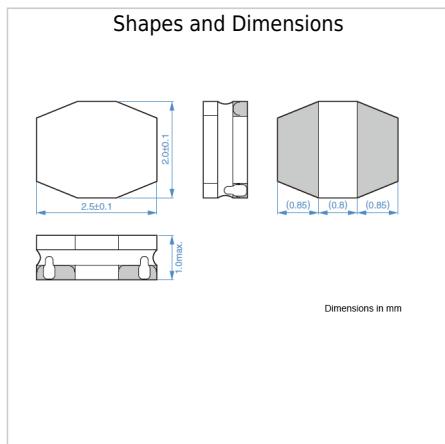


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## Associated Images



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