

Applications	Commercial Grade
Feature	Wire Wound Magnetic Shield Ferrite Core
Series Type	VLM
Status	Production
Brand	TDK



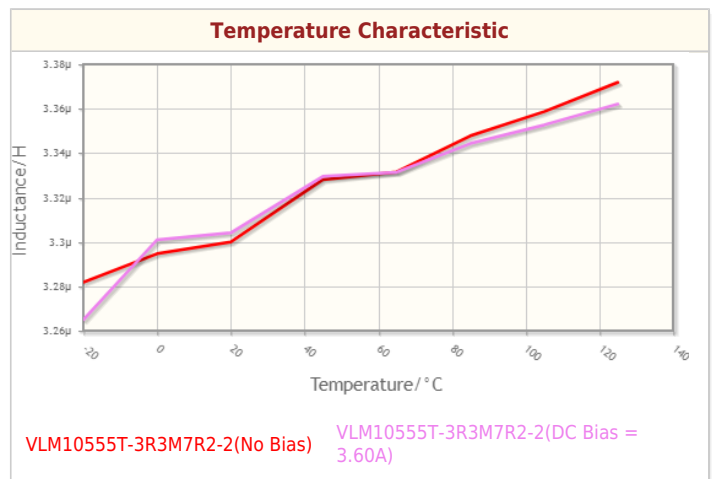
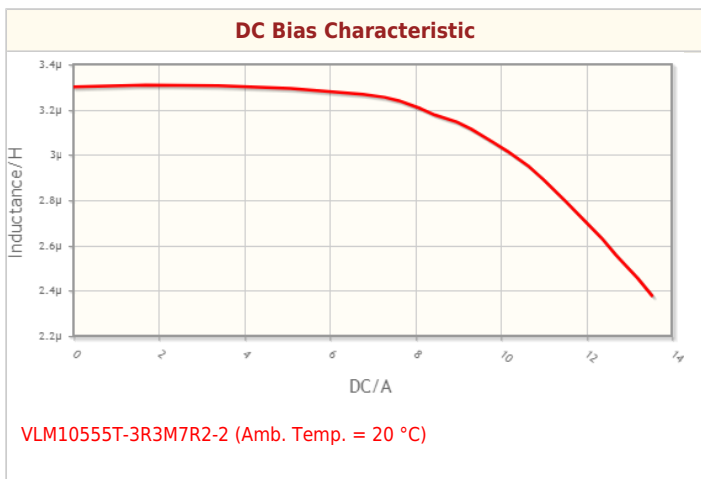
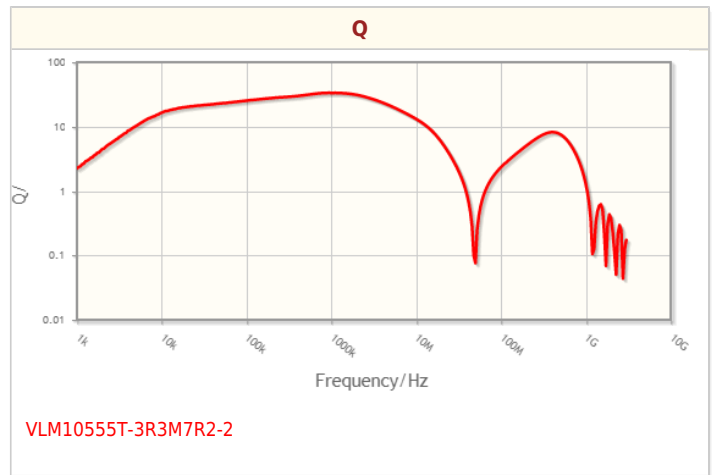
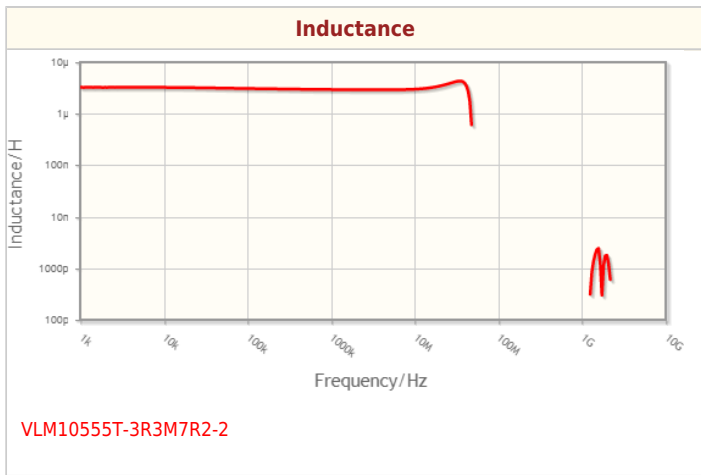
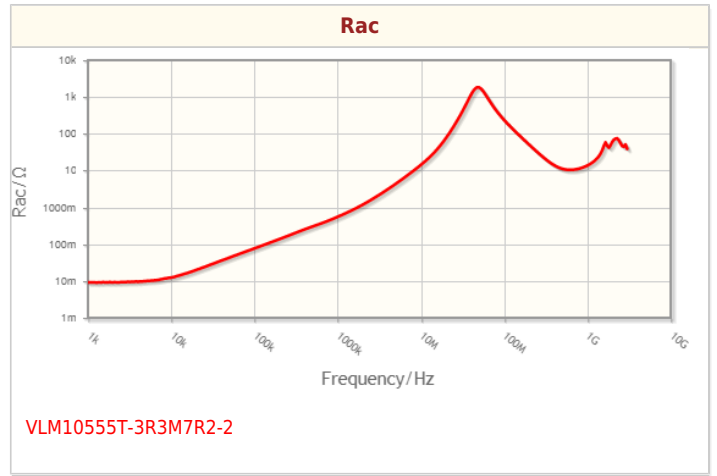
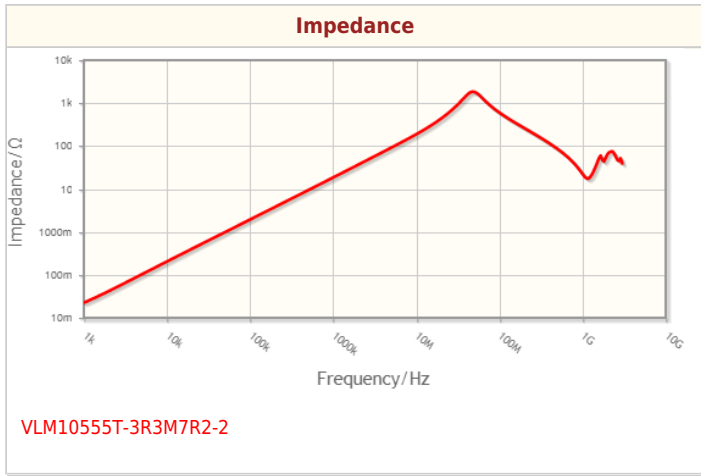
Size	
Length(L)	10.50mm Max.
Width(W)	10.60mm ±0.20mm
Thickness Height	5.40mm ±0.20mm
Recommended Land Pattern (A)	2.60mm Nom.
Recommended Land Pattern (B)	3.40mm Nom.
Recommended Land Pattern (C)	3.00mm Nom.
Recommended Land Pattern (D)	6.10mm Nom.
Recommended Land Pattern (E)	1.90mm Nom.
Recommended Land Pattern (F)	1.80mm Nom.

Electrical Characteristics	
Inductance	3.3μH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	12A (25% Down)
Rated Current (Temperature Rise) [Typ.]	7.2A (40°C Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Typ.]	8.3mΩ
DC Resistance [Max.]	9.55mΩ
Self Resonant Frequency [Min.]	
Self Resonant Frequency [Typ.]	
Q [Min.]	
Q [Typ.]	

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125°C
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [330mm Reel]
Package Quantity	500pcs
Weight	1.7g

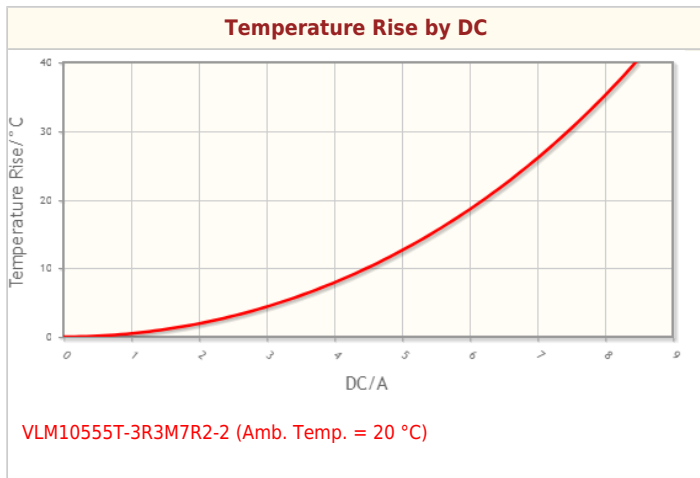
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



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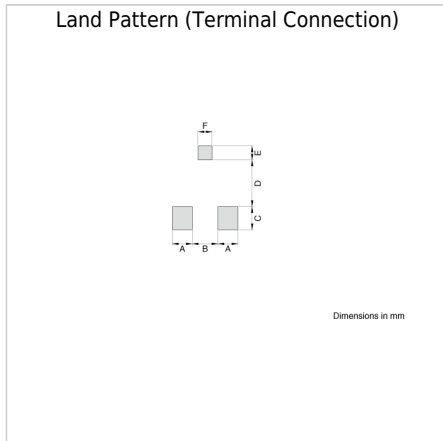
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