

VLM10555T-4R3M7R2-2

EOL Announced

Recommended Alternate Part No. : [SPM10054T-4R7M-HZR](#) (Interchangeability is not guaranteed.)

Product Status

Discontinue Issue Date : May.14, 2024
Last Purchase Order Date : Mar.31, 2026
Last Shipment Date : Dec.31, 2026

Applications

Commercial Grade

Feature

Wire WoundWire Wound
ShieldMagnetic Shield
Ferrite CoreFerrite Core

Series | Type

VLM

Brand

TDK

Environmental Compliance



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	4.3µH ±20% at 100kHz
Rated Current (L Change) [Typ.]	
Rated Current (L Change) [Max.]	9A (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.]	

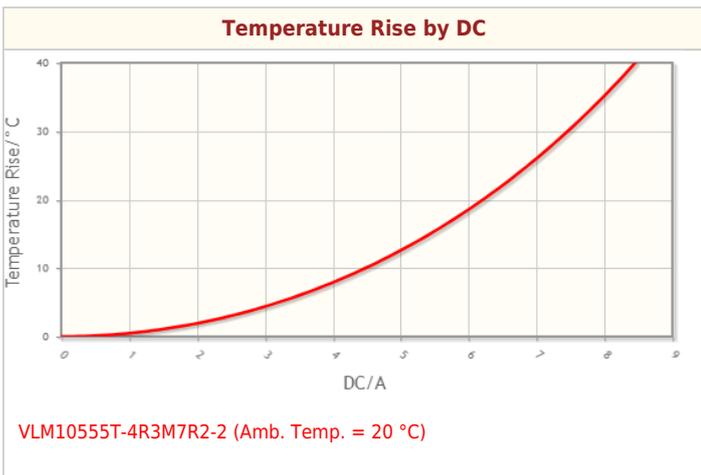
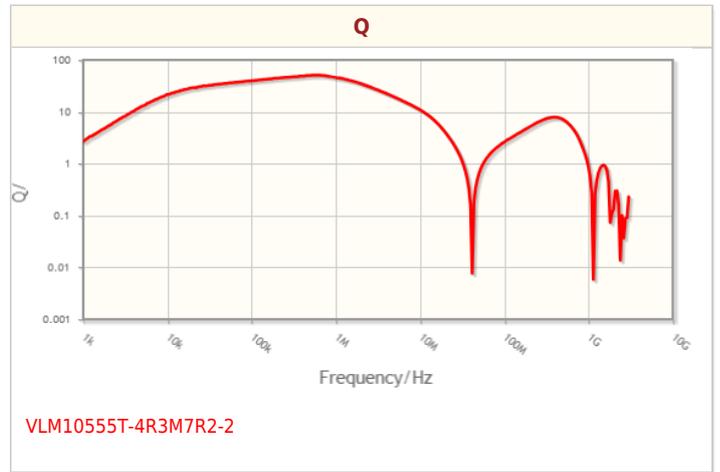
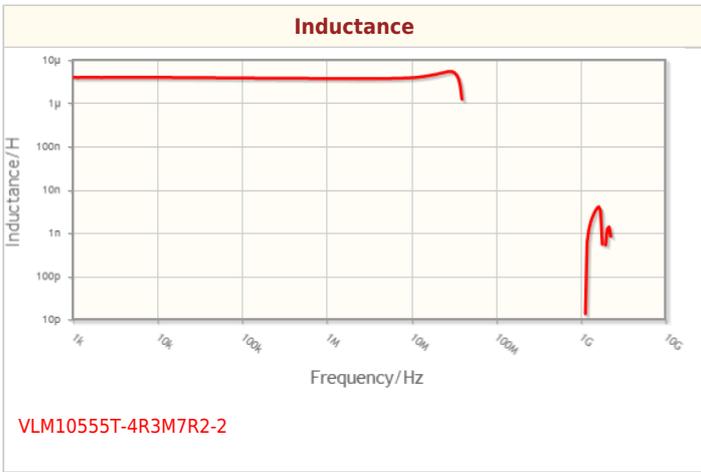
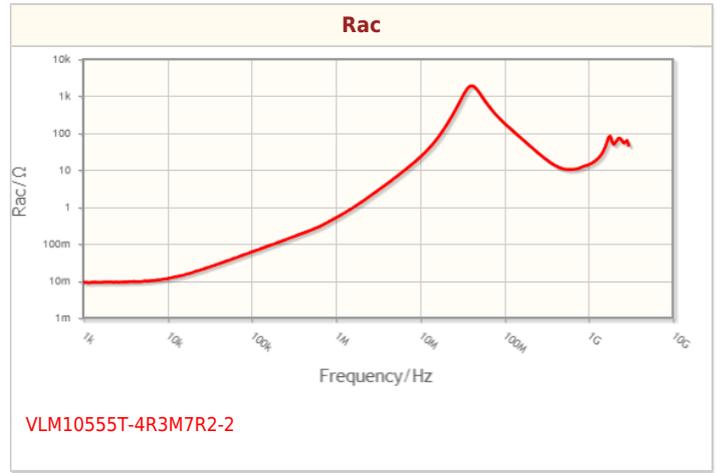
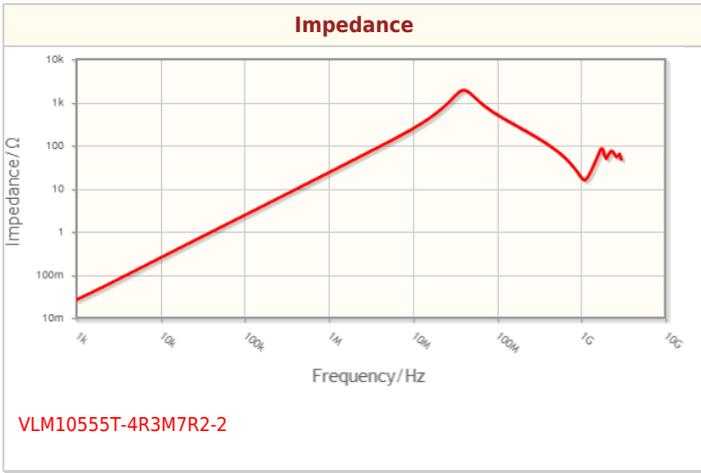
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! All specifications are subject to change without notice.

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Other	
Operating Temp. Range	-40 to 125°C (Including Self-Temp. Rise)
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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Associated Images

