

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

TDK Corporation VLM10555T-2R5M8R0-2

For any questions, you can email us directly: sales@integrated-circuit.com



Distributor of TDK Corporation: Excellent Integrated System Limited

Datasheet of VLM10555T-2R5M8R0-2 - FIXED IND 2.5UH 8A 6.7 MOHM SMD Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Inductors(Coils)

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VLM10555T-2R5M8R0-2

Applications	Commercial Grade
Feature	Wire Wound Wire Wound
	Shield Magnetic Shield
	Ferrite Core Ferrite Core
Series	VLM Series / VLM10555-2 Type
Status	PROD









Size			
Length(L)	10.30mm +0.20mm		
Width(W)	10.60mm +/-0.20mm		
Thickness(T)	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	2.5uH +/-20% at 100kHz		
Rated Current (L Change) [Max.]	15A (25% Down)		
Rated Current (Temperature Rise) [Typ.]	8A (40degC Rise)		
Rated Current (Temperature Rise) [Max.]			
DC Resistance [Nom.]	6.7mΩ		
DC Resistance [Max.]	7.71mΩ		

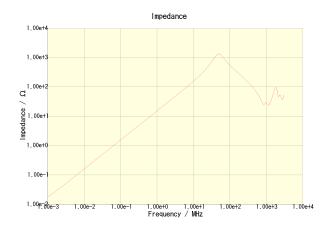
Other			
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC		
Soldering Method	Reflow, Iron Soldering		
AEC Q200	No		
Packing	Blister (Plastic)Taping [330mm Reel]		
Package Quantity	500Pcs Min.		
Weight	1.7g		

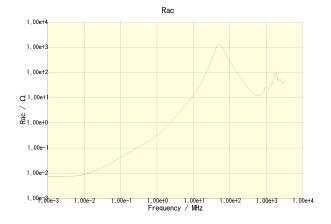
•This PDF document was created based on the data listed on the TDK Corporation website.

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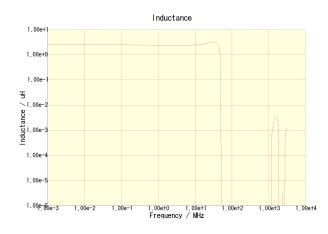
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

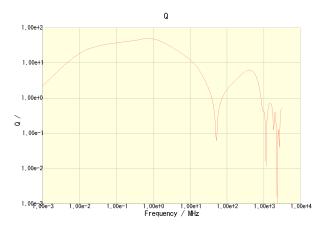




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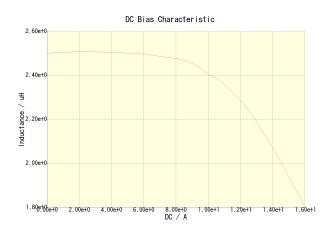
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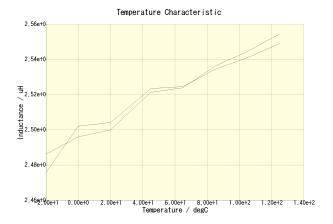
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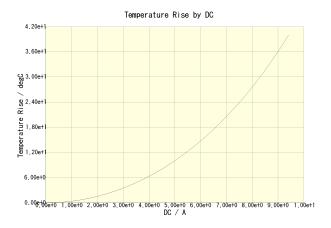
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VLM10555T-2R5M8R0-2(Amb. Temp. = 20degc)

VLM10555T-2R5M8R0-2(DC = 0A) VLM10555T-2R5M8R0-2(DC = 4A)



VLM10555T-2R5M8R0-2(Amb. Temp. = 20degc)