

Excellent Integrated System Limited

Stocking Distributor

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

TDK Corporation VLM10555T-R33M180-3

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



Distributor of TDK Corporation: Excellent Integrated System Limited Datasheet of VLM10555T-R33M180-3 - FIXED IND 330NH 18A 1.2 MOHM SMD Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

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VLM10555T-R33M180-3

Applications		Commercial Grade
Feature	Wire Wound	Wire Wound
	Shield	Magnetic Shield
	Ferrite Core	Ferrite Core
Series	VLM Series / VLM10555-3 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	330nH +/-20% at 100kHz			
Rated Current (L Change) [Max.]	34A (25% Down)			
Rated Current (Temperature Rise) [Typ.]	18A (40degC Rise)			
Rated Current (Temperature Rise) [Max.]				
DC Resistance [Nom.]	0.95mΩ			
DC Resistance [Max.]	1.2mΩ			

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				



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

1.00e+3





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DC Bias Characteristic no data available

Temperature Characteristic				
no data avai	lable			



VLM10555T-R33M180-3(Amb. Temp. = 20degc)