



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us





Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

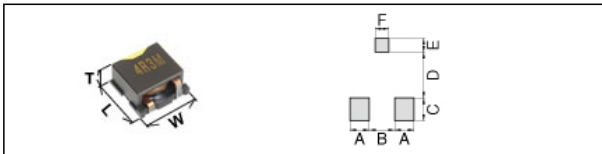
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# VLM10555T-R56M120-3

Applications		Commercial Grade
Feature		Wire Wound
		Magnetic Shield
		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.

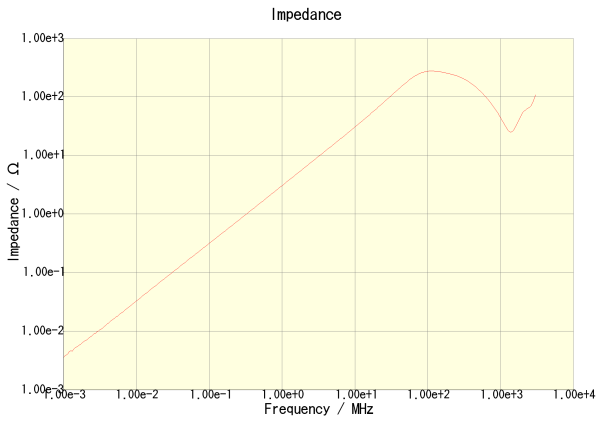
Electrical Characteristics	
Inductance	560nH +/-20% at 100kHz
Rated Current (L Change) [Max.]	34A (25% Down)
Rated Current (Temperature Rise) [Typ.]	12A (40degC Rise)
Rated Current (Temperature Rise) [Max.]	
DC Resistance [Nom.]	2.1mΩ
DC Resistance [Max.]	2.5mΩ

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

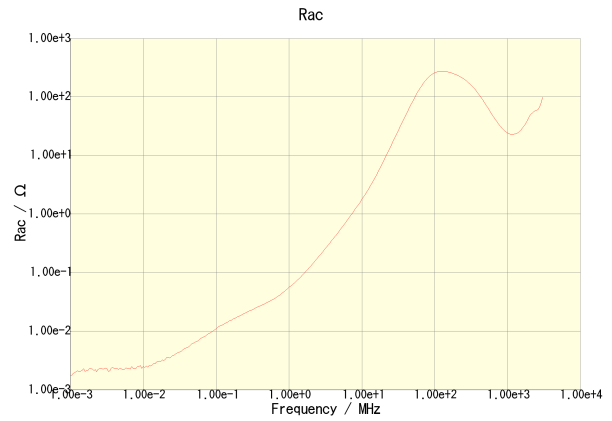
•This PDF document was created based on the data listed on the TDK Corporation website.  
 •All specifications are subject to change without notice.

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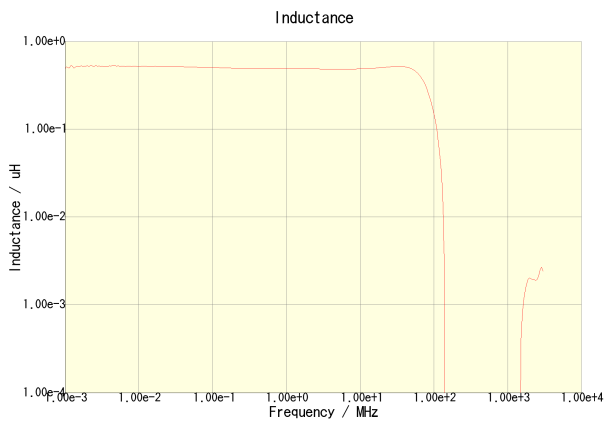
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



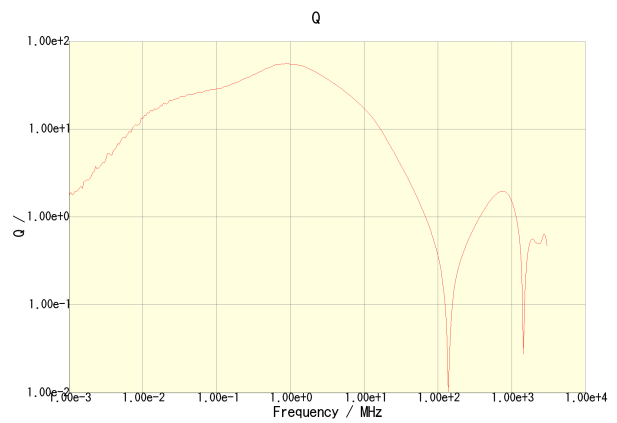
**VLM10555T-R56M120-3**



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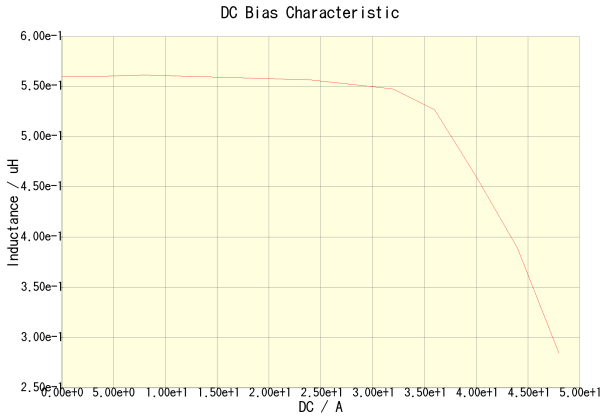


**VLM10555T-R56M120-3**

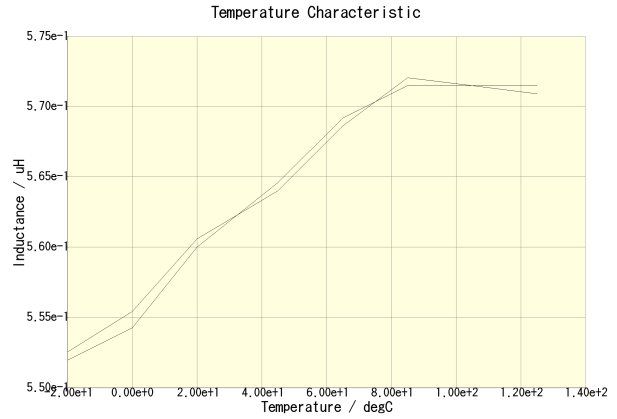
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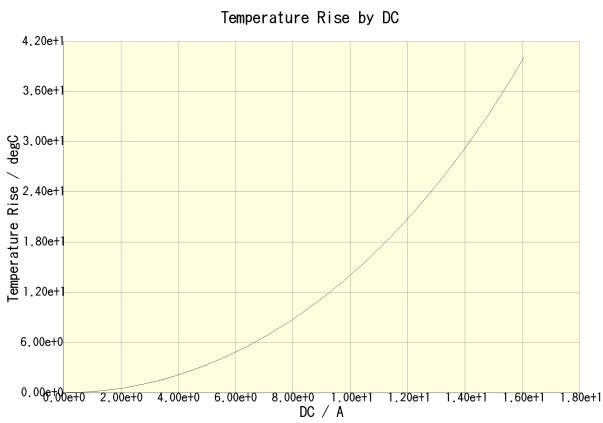
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VLM1055T-R56M120-3(Amb. Temp. = 20degc)



VLM1055T-R56M120-3(DC = 0A) VLM1055T-R56M120-3(DC = 6A)



VLM1055T-R56M120-3(Amb. Temp. = 20degc)

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