

RoHS Reach Pb Free

Applications	Automotive Grade
Feature	AEC-Q200 AEC-Q200 Wire Wound Wire Wound Shield 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	$3.3 \mu H \pm 20\%$ at $100 kHz$			
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			
Caldarian Mathael	Reflow			
Soldering Method	Iron Soldering			
AEC-Q200	YES			
Packing	Embossed (Plastic)Taping [330mm Reel]			

[!] Images are for reference only and show exemplary products.

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 $^{! \ \}mbox{All specifications}$ are subject to change without notice.



2 of 4 Creation Date : October 07, 2022 (GMT)

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Package Quantity	500pcs
Weight	1.7g

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

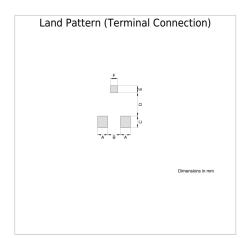
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Associated Images



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