

Applications	Automotive Grade
Feature	AEC-Q200
	Wire Wound
	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	3.3µH ±20% at 100kHz
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
Soldering Method	Reflow
	Iron Soldering
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [330mm Reel]

! Images are for reference only and show exemplary products.
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! All specifications are subject to change without notice.

Package Quantity	500pcs
Weight	1.7g

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

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Associated Images

