

Inductors (Coils)

Inductor Coils

Part Number :	VLS252015T -6R8MR73
Product Name :	Wire Wound Inductor for Power Line
TDK Series Name :	VLS Series
Application :	DVCs, DSCs, PDAs, LCD displays, cellular phones, HDDs, etc.
Function :	Miniature size, Mount area: 2.5x2mm, Height: 1.5mm max.Generic use for portable DC to DC converter line.Available for automatic mounting in tape and real package.The products do not contain lead and support lead -free soldering.
Description :	These are compact inductors for power line measuring at L2.5xW2mm and 1.5mm in height.
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VLS252015 TYPE  
APPEARANCE PHOTOGRAPH



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Application	Catalog	SEAT	CCV	TVCL	Tech Notes
Property Name			Property Description		
Product Lifecycle Stage			Production		
Part Number Replacement			No Data Available.		
Lead (Pb) Free			Yes		
Surface Mount			Yes		
Construction Type			WIRE -WOUND		
Shape			SMD		
Body Length (L)			Nom 2.5 mm		
Body Breadth (W)			Nom 2 mm		
Body Height (T)			Nom 1.5 mm		
Inductance			Nom 6.8 μ H		
Inductance Tolerance (%)			Min -20 %		
			Max 20 %		
Frequency of Inductance			Nom 1 MHz		
Q			Min No Data Available.		
Frequency of Q			Nom No Data Available.		
Self Resonant Frequency			Min No Data Available.		
D.C. Resistance			Nom 0.4 Ohm		
D.C. Resistance			Max 0.48 Ohm		
Rated Current			Max 0.73 A		
Terminal Material			Sn(100%)/Sn plating		
Polarity Marking			No		
Magnetic Shielding			Yes		
Soldering Method			Reflow		
Measuring Equipment(L, Q, Rdc)			No Data Available.		
Category Temperature Range			Min -40 Cel		
			Max 105 Cel		
Storage Temperature Range			Min -40 Cel		
			Max 105 Cel		
Country of Origin			JPN, CHN		
Packing			Blister (Plastic)Taping [180mm Reel]		
Minimum Package Qty			Nom 2000 Pcs		
Minimum Order Qty			Nom 2000 Pcs		
Weight			Nom 0.028 g		
Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set forth in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in , or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").					