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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 reel 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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Application	Catalog	SEAT	CCV	TVCL	Tech Notes
Property Name		Property Description			
Product Lifecycle Stage		Production			
Part Number Replacement		<i>No Data Available.</i>			
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 <i>No Data Available.</i>			
Frequency of Q		Nom <i>No Data Available.</i>			
Self Resonant Frequency		Min <i>No Data Available.</i>			
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)		<i>No Data Available.</i>			
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").