

Product Name Wire Wound Inductor for Power Line
Series VLS Series
Type 252015 Type
Part Number VLS252015T1R0N1R7

Product Lifecycle Stage PROD



Specification			
Mounting Method Flag		Yes	
Processing		WINDING	
Shape		SMD	
Size Code		252012	
Rated Inductance	Nom	1 micro H	
Inductance Tolerance (%)	Min	-30 %	
	Max	30 %	
Test Frequency of Inductance	Nom	1 M Hz	
DC Resistance	Max	0.082 Ohm	
DC Resistance	Nom	0.068 Ohm	
Rated Current	Max	1.7 A	
IDC1 (Inductance Change)	Max	2.3 A	
Terminal Material		Sn(100%)/Sn plating	
Polarity Marking		No	
Magnetic Shielding		Yes	
Soldering Method		Reflow	
Storage Temperature Range	Min	-40 Cel	
	Max	105 Cel	
Weight	Nom	0.028 g	

Summary/Applications/Feature		
Summary	These are compact inductors for power line measuring at L2.5xW2mm and 1.5mm in height.	
Applications	DVCs, DSCs, PDAs, LCD displays, cellular phones, HDDs, etc.	
Feature	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.	
Packaging		
Packing		Blister (Plastic)Taping [180mm Reel]
Minumum Package Qty	Nom	2000 Pcs
Minimum Order Qty	Nom	2000 Pcs

[Details](#)

[Caution]

Specifications which provide more details for the proper and safe use of the described product are available upon request.

[Notice of Revision and Improve]

All specifications are subject to change without notice.