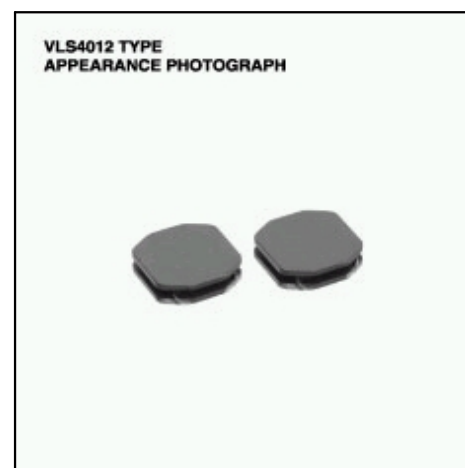


Product Name Wire Wound Inductor for Power Line
Series VLS Series
Type 4012 Type
Part Number VLS4012T1R0N1R6

Product Lifecycle Stage PROD



Specification		
Mounting Method Flag	Yes	
Processing	WINDING	
Shape	SMD	
Size Code	4012	
Rated Inductance	Nom	1 micro H
Inductance Tolerance (%)	Min	-30 %
	Max	30 %
Test Frequency of Inductance	Nom	1 M Hz
DC Resistance	Max	0.06 Ohm
DC Resistance	Nom	0.05 Ohm
Rated Current	Max	1.6 A
IDC1 (Inductance Change)	Max	2.5 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	0.067 g

Summary/Applications/Feature		
Summary	These are compact inductors for power line measuring at L4xW4mm and 1.2mm in height.	
Applications	DVCs, DSCs, PDAs, LCD displays, cellular phones, HDDs, etc.	
Feature	Miniature size, Mount area: 4x4mm, Height: 1.2mm 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	1000 Pcs
Minimum Order Qty	Nom	1000 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.