

Product Name Wire Wound Inductor for Power Line
Series VLS Series
Type 4012 Type
Part Number VLS4012T100MR82


Product Lifecycle Stage PROD

VLS4012 TYPE
APPEARANCE PHOTOGRAPH



Specification			Summary/Applications/Feature		
Mounting Method Flag		Yes	<div>Summary</div> <div>These are compact inductors for power line measuring at L4xW4mm and 1.2mm in height.</div> <div>Applications</div> <div>DVCs, DSCs, PDAs, LCD displays, cellular phones, HDDs, etc.</div> <div>Feature</div> <div>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 leadfree soldering.</div>		
Processing		WINDING			
Shape		SMD			
Size Code		4012			
Rated Inductance		Nom10 micr H			
Inductance Tolerance (%)		Min	-20 %		
		Max	20 %		
Test Frequency of Inductance		Nom	1 M Hz		
DC Resistance		Max	0.24 Ohm		
DC Resistance		Nom	0.2 Ohm		
Rated Current		Max	0.82 A		
IDC1 (Inductance Change)		Max	0.85 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		

Packaging		
Packing		Blister (Plastic)Taping [180m Reel]
Minumum Package Qty	Nom	1000 Pcs
Minimum Order Qty	Nom	1000 Pcs



Details

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.