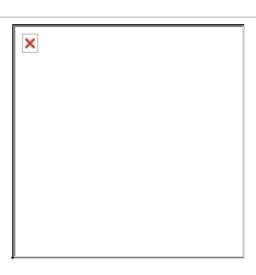


Product Name Wire Wound Inductor for Power Line

Series VLF Series Type 5014A Type

Part Number VLF5014AT220MR62

Product Lifecycle Stage PROD



Specification				
Mounting Method Flag		Yes		
Processing		wire wound type		
Shape		SMD		
Size Code		5014		
Body Length(L)	Nom	4.7 m m		
Body Breadth(W)	Nom	4.5 rr m		
Body Height(T)	Max	1.4 rr m		
Rated Inductance	Nom	22 micrc H		
Inductance Tolerance (%)	Min	-20 %		
	Max	20 %		
Test Frequency of Inductance	Nom	100 k Hz		
DC Resistance	Max	0.4€ Ohm		
DC Resistance	Nom	0.4 Ohm		
Rated Current	Max	0.62 A		
IDC1 (Inductance Change)	Max	0.81 A		
IDC2 (Temperature Rise)	Max	0.62 A		
Temperature Rise		40 deg C		
Terminal Material		Copper alloy / Tin		
Polarity Marking		No		
Magnetic Shielding		Yes		
Soldering Method		Reflow		
Measuring Equipment(Induc	4285A			
Measuring Equipment(DC Resistance)		VP2941A or equivalent		
Category Temperature Range (Including Selftemperature Rise)	Min	-40 Cel		
	Max	105 Cel		
Storage Temperature Range	Min	-40 Cel		
	Max	105 Cel		

Summary/Applications/Features				
Summary	These are compact inductors for power line measuring at L4.5xW4.7mm and 1.4mm in he considerably smaller compared to inductors with comparable characteristics.			
Applications	DVCs, DSCs, PDAs, MDs, LCD displays, Cellular phones, cordless telephones, HDDs, FDDs, etc.			
Features	Generic use for portable DC to DC converter High magnetic shield construction should actualize high resolution for EMC protection. Available for automatic mounting in tape and real package. The products do not contain lead and support lead-free soldering.			
Packaging				
Packing			Blister (Plastic)Taping [180r Reel]	
Minumum Package Qty Nom		Nom	1000 Pcs	
Minimum Order Qty Nom		Nom	1000 Pcs	





X [Caution]

Weight

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

0.1 g



All specifications are subject to change without notice.

Nom