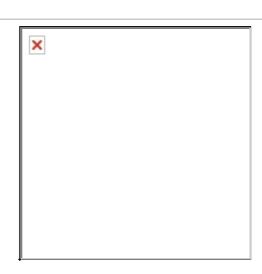
_ -·--- _ - -·--

Product Name Wire Wound Inductor for Power Line

Series VLF Series Type 3014A Type

Part Number VLF3014AT4R7MR90

Product Lifecycle Stage PROD



Specification		
Mounting Method Flag		Yes
Processing		wire wound type
Shape		SMD
Size Code		3014
Body Length(L)	Nom	2.8 n m
Body Breadth(W)	Nom	2.6 m m
Body Height(T)	Max	1.4 n m
Rated Inductance	Nom	4.7 micrc H
Inductance Tolerance (%)	Min	-20 %
	Max	20 %
Test Frequency of Inductance	Nom	100 k Hz
DC Resistance	Max	0.2 Ohm
DC Resistance	Nom	0.17 Ohm
Rated Current	Max	0.9 A
IDC1 (Inductance Change)	Max	1.2 A
IDC2 (Temperature Rise)	Max	0.9 A
Temperature Rise		40 deg C
Terminal Material		Copper alloy / Tin
Polarity Marking		No
Magnetic Shielding		Yes
Soldering Method		Reflow
Category Temperature Rang (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 L2.6xW2.8mm 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	Miniature size, Mount area: 2.6x2.8mm, Heig 1.4mm max. Generic use for portable DC to DC converter line. 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 [180m Reel]		
Minumum Package Qty Nom		Nom	2000 Pcs	
Minimum Order Qty Non		Nom	2000 Pcs	





X [Caution]

Weight

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

0.03ŧ g



X [Notice of Revision and Improve]

All specifications are subject to change without notice.

Nom
