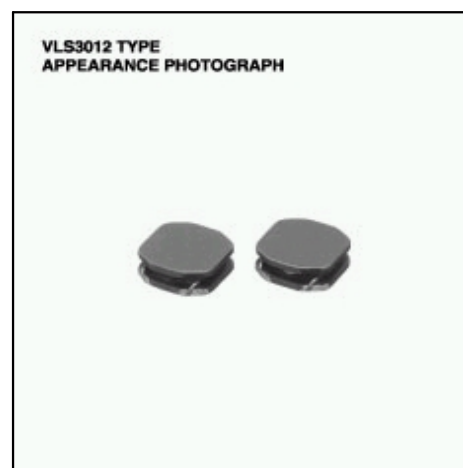


Product Name Wire Wound Inductor for Power Line
Series VLS Series
Type 3012 Type
Part Number VLS3012F220MR49

Product Lifecycle Stage PROD



Specification

Mounting Method Flag	Yes
Processing	WINDING
Shape	SMD
Size Code	3012
Rated Inductance	Nom 22 micro H
Inductance Tolerance (%)	Min -20 %
	Max 20 %
Test Frequency of Inductance	Nom 1 M Hz
DC Resistance	Max 0.63 Ohm
DC Resistance	Nom 0.75 Ohm
Rated Current	Max 0.45 A
IDC1 (Inductance Change)	Max 0.45 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 0.04 g

Summary/Applications/Feature

Summary	These are compact inductors for power line measuring at L3xW3mm and 1.2mmMax. in height.
Applications	DVCs, DSCs, PDAs, LCD displays, cellular phones, HDDs, etc.
Feature	Miniature size, Mount area: 3x3mm, 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 leadfree soldering.

Packaging

Packing	Blister (Plastic)Taping [180mm Reel]	
Minimum 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.