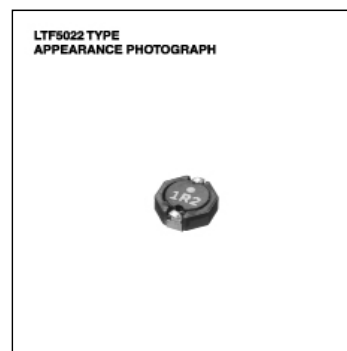




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Product Name Wire Wound Inductor for Power Line
Series LTF Series
Type 5022 Type
Part Number LTF5022T-101MR45-LC

Product Lifecycle Stage PROD



Specification

Mounting Method Flag	Yes	
Processing	WINDING	
Shape	SMD	
Size Code	5022	
Body Length(L)	Nom	5.2 m m
Body Breadth(W)	Nom	5 m m
Body Height(T)	Nom	2.2 m m
Rated Inductance	Nom	100 micro H
Inductance Tolerance (%)	Min	-20 %
	Max	20 %
Test Frequency of Inductance	Nom	100 k Hz
DC Resistance	Max	1.28 Ohm
DC Resistance	Nom	1.07 Ohm
Rated Current	Max	0.45 A
IDC1 (Inductance Change)	Max	0.45 A
IDC2 (Temperature Rise)	Max	0.53 A
Temperature Rise	Max	40 Cel
Terminal Material	Copper alloy/Sn plating	
Polarity Marking	Yes	
Magnetic Shielding	Yes	
Soldering Method	Reflow	
Measuring Equipment(L, Q, Rdc)	YHP4194A IMPEDANCE/GAIN-PHASE ANALYZER	
Category Temperature Range	Min	-40 Cel
	Max	105 Cel
Storage Temperature Range	Min	-40 Cel
	Max	105 Cel
Weight	Nom	0.175 g

Summary/Applications/Feature

Summary This is an SMD power inductor for power line.

Applications DVCs, DSCs, PDAs, HDDs, LCD displays, cellular phones, cordless telephones, etc.

Mount area: 5.0 x 5.2mm and Low profile: 2.2mm max. height
 Large DC current products.

Feature Magnetic shielding type with ferrite core.
 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]	
Minimum Package Qty	Nom	500 Pcs
Minimum Order Qty	Nom	500 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.

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