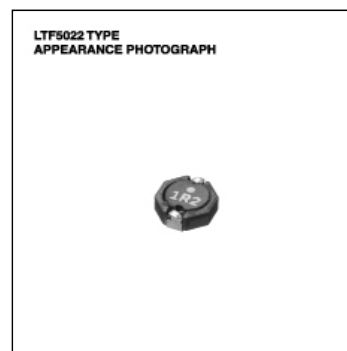




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Product Name Wire Wound Inductor for Power Line
Series LTF Series
Type 5022 Type
Part Number LTF5022T-1R5N3R6-LC

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 | 1.5 micro H |
| Inductance Tolerance (%) | Min | -30 % |
| | Max | 30 % |
| Test Frequency of Inductance | Nom | 100 k Hz |
| DC Resistance | Max | 0.032 Ohm |
| DC Resistance | Nom | 0.028 Ohm |
| Rated Current | Max | 3.69 A |
| IDC1 (Inductance Change) | Max | 3.69 A |
| IDC2 (Temperature Rise) | Max | 3.85 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.

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