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[FAQ] What is a magnetic shield type?

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REACH Certificate

Product Lineup

**Design Tools** 

S-parameter

SPICE Netlist(Simple)

SPICE Netlist(Precision)

Rac

1.00E+0

Frequency / MHz

Q

1.00E+2

1.00E+3

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1.00E+

Components Characteristics Viewer

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Request

MLF2012C101MT000 Inductors(Coils)

Search by Part No. | Search by Characteristics Catalog Product Top Page Cross Reference Tech Notes Technical Support Tools

Commercial Grade Applications

Ferrite Core Ferrite Core Series

**Feature** 

Status

Size

Length(L)

Width(W)

Thickness(T)

Inductance

Q [Min.]

Q [Typ.]

Other

Rated Current

Recommended Land Pattern (A)

Recommended Land Pattern (B)

Recommended Land Pattern (C)

Self-Resonant Frequency [Min.]

Self-Resonant Frequency [Typ.]

Operating Temp. Range (Including Self-Temp. Rise)

DC Resistance [Nom.] DC Resistance [Max.]

Soldering Method

Package Quantity

1.00E+5

1.00E+3

1.00E+2

1.00E+1

1.00E+0

MLF2012C101MT000

1.00E+3

1.00E+2

1.00E+1

1.00E+0

MLF2012C101MT000

**Products** 

» Capacitors

» Inductors (Coils)

» EMC Components

» Transformers

» RF / SAW Components and Modules

» Voltage Protection Devices » Current Protection Devices

» Temperature Protection Devices

» Sensors and Sensor Systems

» Ferrites and Accessories

Downloaded from Arrow.com.

» Ceramic Switching / Heating, Piezo Components and Buzzers

1.00E-3

1.00E-2

Inductance / uH

1.00E-3

1.00E-2

С

Impedance

AEC Q200 Packing

Weight

**Electrical Characteristics** 

Multilayer Multilayer

MLF Series / MLF2012 Type

Shield Magnetic Shield

Production

В



2.00mm +/-0.20mm

1.25mm +/-0.20mm

1.25mm +/-0.20mm

0.80mm Nom.

1.00mm Nom.

1.20mm Nom.

2mA

7MHz

12MHz

2.5Ω

3.1Ω

-40 to 85degC

2000Pcs Min. 0.014g

Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)

Impedance

1.00E+0

Inductance

1.00E+0

Frequency / MHz

DC Bias Characteristic

no data available

Temperature Rise by DC

no data available

» Search by Part No. » Search by Characteristics » Distributor Inventory Check

1.00E+1

Frequency / MHz

1.00E+1

1.00E+2

1.00E+2

1.00E+3

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» Noise Suppression Sheets / Magnetic Sheets

» Power Supplies

» Flash Storage

» FA Systems

» Wireless Charging

» ITO Transparent Conductive Film

» Magnets

» Anechoic Chambers and Radio Wave Absorbers

» Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)

1.00E+4

1.00E+3

Reflow, Iron Soldering

Blister (Plastic)Taping [180mm Reel]

1.00E+5

1.00E+3

1.00E+2

1.00E+1

1.00E+0

MLF2012C101MT000

1.00E+2

1.00E+1

1.00E+0

1.00E-2

MLF2012C101MT000

1.00E-3

1.00E-2

1.00E-1

1.00E+0

Frequency / MHz

**Temperature Characteristic** 

no data available

1.00E+1

0

1.00E-3

1.00E-2

25 at 1MHz 45 at 1MHz

100uH +/-20% at 1MHz











