Contact

Documents

RoHS Certificate

REACH Certificate

Product Lineup

**Design Tools** 

S-parameter

SPICE Netlist(Simple)

SPICE Netlist(Precision)

Rac

1.00E+0

Q

1.00E+0

Frequency / MHz

**Temperature Characteristic** 

1.00E+1

Frequency / MHz

Components Characteristics Viewer

FAQ

Catalog



Buy Now (Distributor Inventory Check)

[FAQ] What is a magnetic shield type?

Cross Reference

Catalog

Environment

Contact

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Request

Multilayer Multilayer Shield Magnetic Shield **Feature** 

Commercial Grade

Ferrite Care Ferrite Core Series MLF Series / MLF2012 Type

Status Production

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+4

1.00E+2

1.00E+1

1.00E+0

1.00E-1

MLF2012A3R9MT000

1.00E+1

5.00E+0

1.00E+0

1.00E-1

MLF2012A3R9MT000

1.00E-3

1.00E-2

핌

Inductance

1.00E-3

1.00E-2

С

Impedance

AEC Q200 Packing

Weight

**Electrical Characteristics** 

Applications

Size

Length(L)

Width(W)

Thickness(T)

Inductance

Q [Min.]

Q [Typ.]

Other

Rated Current





2.00mm +/-0.20mm

1.25mm +/-0.20mm

1.25mm +/-0.20mm

0.80mm Nom.

1.00mm Nom.

1.20mm Nom.

30mA

55MHz

80MHz

 $300 m\Omega$ 

 $650 m\Omega$ 

-55 to 125degC

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

1.00E+1

Frequency / MHz

1.00E+1

1.00E+2

1.00E+2

1.00E+3

1.00E+4

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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

1.00E+3

Reflow, Iron Soldering

Blister (Plastic)Taping [180mm Reel]

45 at 10MHz 70 at 10MHz

3.9uH +/-20% at 10MHz



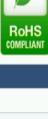






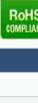


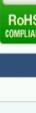












1.00E+2 1.00E+3 Zoom 🔾

1.00E+

Zoom 🔾

## 1.00E+2 1.00E+1

1.00E-3

1.00E-2

1.00E+0

1.00E-1

1.00E-2

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1.00E+4

1.00E+2

1.00E+1

1.00E+0

1.00E-1

MLF2012A3R9MT000

1.00E-3

1.00E-2

C

no data available

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» Sensors and Sensor Systems

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

» Ceramic Switching / Heating, Piezo Components and Buzzers » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB) » Transformers » Ferrites and Accessories