About TDK ENGLISH TDK Worldwide Search by Part Number or Keyword

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

1.00E+2

1.00E+2

1.00E+3

1.00E+

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Components Characteristics Viewer

FAQ

Catalog

Environment

Buy Now (Distributor Inventory Check)

[FAQ] What is a magnetic shield type?

Search

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A

<u>∠</u> en

en

en

en

Request

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

📋 Commercial Grade Applications Multilayer Multilayer

Shield Magnetic Shield

Ferrite Care Ferrite Core MLF Series / MLF1608 Type Series

Feature

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+4

1.00E+2

1.00E+1

1.00E+0

1.00E-1

MLF1608DR56MTA00

1.00E+1

1.00E+0

1.00E-1

1.00E-2

MLF1608DR56MTA00

1.00E-3

1.00E-2

Inductance / uH

1.00E-3

1.00E-2

С

Impedance

AEC Q200 Packing

Weight

Electrical Characteristics

Status Production

В

Lead

0.80mm +/-0.15mm

0.80mm +/-0.15mm

0.60mm Nom.

0.80mm Nom.

0.80mm Nom.

100mA

170MHz

230MHz

 $550 m\Omega$

1.05Ω

-55 to 125degC

4000Pcs Min. 0.004g

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

1.00E+1

Frequency / MHz

1.00E+1

1.00E+3

1.00E+2

1.00E+3

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1.00E+4

Reflow, Iron Soldering

Punched (Paper)Taping [180mm Reel]

1.00E+4

1.00E+2

1.00E+1

1.00E+0

1.00E-1

MLF1608DR56MTA00

1.00E+2

1.00E+1

1.00E+0

1.00E-1

1.00E-2

1.00E-3

MLF1608DR56MTA00

1.00E-3

1.00E-2

O

1.00E-3

1.00E-2

C

15 at 25MHz 30 at 25MHz

560nH +/-20% at 25MHz

Halogen 1.60mm +/-0.15mm

REACH

RoHS

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» Power Supplies

» EMC Components

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