About TDK ENGLISH TDK Worldwide Search by Part Number or Keyword

Environment

Catalog

Request Now

Contact

Documents

RoHS Certificate

REACH Certificate

[FAQ] What is a magnetic shield type?

Product Lineup

Design Tools

S-parameter

SPICE Netlist(Simple)

SPICE Netlist(Precision)

Components Characteristics Viewer

FAQ

Catalog

Cross Reference

Tech Notes

Technical Support Tools

Contact

Search

<u>∠</u> en

en

en

en

Request

Multilayer Multilayer Shield Magnetic Shield Ferrite Care Ferrite Core

MLF Series / MLF1608 Type

Production

Feature

Series

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+4

1.00E+3

1.00E+2

1.00E+1

1.00E+0

MLF1608E120MTD00

1.00E+2

1.00E+1

1.00E+0

1.00E-1

MLF1608E120MTD00

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

1.00E-3

1.00E-2

Inductance / uH

1.00E-3

1.00E-2

Q/

Impedance

AEC Q200 Packing

Weight

Electrical Characteristics

В

Lead

0.80mm +/-0.15mm

0.80mm +/-0.15mm

0.60mm Nom.

0.80mm Nom.

0.80mm Nom.

10mA

25MHz

45MHz

1.2Ω

1.8Ω

-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

Temperature Rise by DC

no data available

1.00E+1

Frequency / MHz

1.00E+1

1.00E+3

1.00E+2

1.00E+3

Zoom 🔾

Zoom 🔾

Zoom 🔾

» 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

Reflow, Iron Soldering

Punched (Paper)Taping [180mm Reel]

1.00E+4

1.00E+3

1.00E+0

1.00E-1

1.00E-2

MLF1608E120MTD00

1.00E-3

1.00E-2

0

30 at 2MHz 55 at 2MHz

12uH +/-20% at 2MHz

Halogen 1.60mm +/-0.15mm

REACH

RoHS

1.00E+2 Rac 1.00E+1 1.00E+0 1.00E-3 1.00E-2 1.00E+0 Frequency / MHz MLF1608E120MTD00 Q 1.00E+2 1.00E+1

Zoom 🔾 1.00E+2 1.00E+0 1.00E+1 1.00E+3 Frequency / MHz Zoom 🔾 **Temperature Characteristic** no data available

1.00E+

Zoom 🔾

Rac

Application Guides

Technical Support

Tech Library

Environment

Contact

News

Home

About TDK

TDK Worldwide

Copyright(e) 1996-2015 TDK Corporation. All rights reserv

» Ferrites and Accessories

» Ceramic Switching / Heating, Piezo Components and Buzzers

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

Downloaded from Arrow.com.