

Inductors(Coils)

Inductors(Coils)

Product Top Page

Search by Part No.

Search by Characteristics

Cross Reference

Catalog

Tech Notes

Technical Support Tools

Help

MLF2012A1R2MT000

Inductors(Coils)

Applications

Commercial Grade

Feature

Multilayer

Multilayer

Shield

Magnetic Shield

Ferrite Core

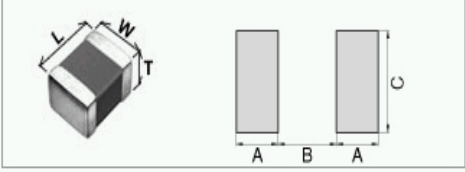
Ferrite Core

Series

MLF Series / MLF2012 Type

Status

Production



Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	0.85mm +/-0.20mm
Recommended Land Pattern (A)	0.80mm Nom.
Recommended Land Pattern (B)	1.00mm Nom.
Recommended Land Pattern (C)	1.20mm Nom.

Electrical Characteristics	
Inductance	1.2uH +/-20% at 10MHz
Rated Current	80mA
Self-Resonant Frequency [Min.]	110MHz
Self-Resonant Frequency [Typ.]	150MHz
Q [Min.]	45 at 10MHz
Q [Typ.]	55 at 10MHz
DC Resistance [Nom.]	150mΩ
DC Resistance [Max.]	350mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.01g

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



Products

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

» Capacitors

» Inductors (Coils)

» EMC Components

» RF / SAW Components and Modules

» Voltage Protection Devices

» Current Protection Devices

» Temperature Protection Devices

» Sensors and Sensor Systems

» Ceramic Switching / Heating, Piezo Components and Buzzers

» Transformers

» Ferrites and Accessories

» Noise Suppression Sheets / Magnetic Sheets

» Anechoic Chambers and Radio Wave Absorbers

» Power Supplies

» Magnets

» Flash Storage

» Wireless Charging

» FA Systems

» ITO Transparent Conductive Film

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

Application Guides

Technical Support

Tech Library

Environment

Contact

News

Home

About TDK

TDK Worldwide