

Inductors(Coils)

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MLF2012DR56MT000 Inductors(Coils)

Applications

Commercial Grade

Feature

Multilayer

Multilayer

Shield

Magnetic Shield

Ferrite Core

Ferrite Core

Series

MLF Series / MLF2012 Type

Status

Production

L

W

T

A

B

A

C

Lead Free

Halogen Free

REACH

RoHS COMPLIANT

Size	
Length(L)	2.00mm +/-0.20mm
Width(W)	1.25mm +/-0.20mm
Thickness(T)	1.25mm +/-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	560nH +/-20% at 25MHz
Rated Current	150mA
Self-Resonant Frequency [Min.]	150MHz
Self-Resonant Frequency [Typ.]	210MHz
Q [Min.]	25 at 25MHz
Q [Typ.]	35 at 25MHz
DC Resistance [Nom.]	300mΩ
DC Resistance [Max.]	550mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.
Weight	0.014g

Buy Now (Distributor Inventory Check)

Contact

Documents

Catalog

RoHS Certificate

REACH Certificate

Product Lineup

FAQ

[FAQ] What is a magnetic shield type?

Design Tools

S-parameter

SPICE Netlist(Simple)

SPICE Netlist(Precision)

Components Characteristics Viewer

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

