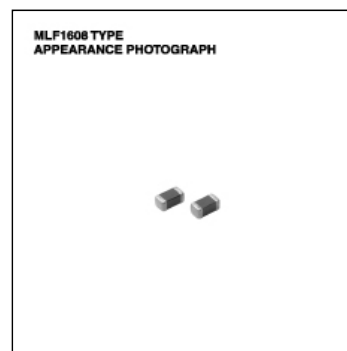




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Product Name **Multilayer Inductor for Signal Line**
Series **MLF Series**
Type **1608 Type**
Part Number **MLF1608E120MBD00**

Product Lifecycle Stage PROD



Specification

Mounting Method Flag	Yes	
Processing	MULTI-LAYER	
Shape	SMD	
Size Code	1608	
Body Length(L)	Nom	1.6 m m
Body Breadth(W)	Nom	0.8 m m
Body Height(T)	Nom	0.8 m m
Rated Inductance	Nom	12 micro H
Inductance Tolerance (%)	Min	-20 %
	Max	20 %
Test Frequency of Inductance	Nom	2 M Hz
	Min	30
Q	Typ	55
	Nom	2 M Hz
Test Frequency of Q	Min	25 M Hz
	Typ	45 M Hz
Self Resonant Frequency	Max	1.8 Ohm
	Nom	1.2 Ohm
DC Resistance	Max	10 m A
Terminal Material	Ag(100%)/Sn plating	
Polarity Marking	No	
Magnetic Shielding	Yes	
Soldering Method	Reflow,Iron Soldering	
Measuring Equipment(L, Q, Rdc)	LQ:4294A,RDC:7561	
Category Temperature Range	Min	-25 Cel
	Max	85 Cel
Storage Temperature Range	Min	-40 Cel
	Max	85 Cel
Weight	Nom	0.004 g

Summary/Applications/Feature

Summary This is a multilayer inductor with magnetic shielding by Ferrite material.
Applications PC,HDD,etc
Feature High-reliability monolithic structure.
 The products contain no lead and also support lead-free soldering.

Packaging

Packing		Punched (Paper)Taping [180mm Reel]
Minimum Package Qty	Nom	4000 Pcs
Minimum Order Qty	Nom	4000 Pcs

[Details](#)

[Caution]

Specifications which provide more details for the proper and safe use of the described product are available upon request.

● [**Notice of Revision and Improve**]

All specifications are subject to change without notice.

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