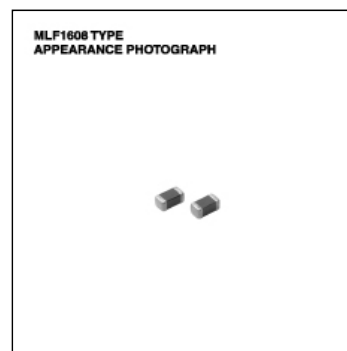




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**Product Name**     **Multilayer Inductor for Signal Line**  
**Series**             **MLF Series**  
**Type**                **1608 Type**  
**Part Number**      **MLF1608DR10MTA00**

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	0.1 micro H
Inductance Tolerance (%)	Min	-20 %
	Max	20 %
Test Frequency of Inductance	Nom	25 M Hz
	Min	15
Q	Typ	25
	Nom	25 M Hz
Test Frequency of Q	Min	450 M Hz
	Typ	600 M Hz
Self Resonant Frequency	Max	0.35 Ohm
	Nom	0.2 Ohm
DC Resistance	Max	200 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

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