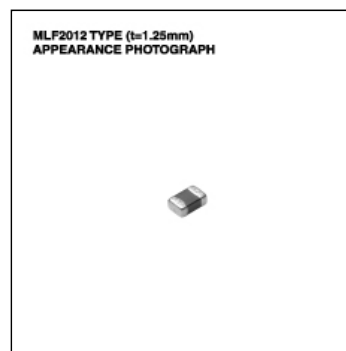



[PAGE BACK](#) [CLOSE](#)

Product Name **Multilayer Inductor for Signal Line**
Series **MLF Series**
Type **2012 Type**
Model **t=1.25mm**
Part Number **MLF2012E6R8KT000**

Product Lifecycle Stage PROD



Specification

Mounting Method Flag	Yes	
Processing	MULTI-LAYER	
Shape	SMD	
Size Code	2012	
Body Length(L)	Nom	2 m m
Body Breadth(W)	Nom	1.25 m m
Body Height(T)	Nom	1.25 m m
Rated Inductance	Nom	6.8 micro H
Inductance Tolerance (%)	Min	-10 %
	Max	10 %
Test Frequency of Inductance	Nom	4 M Hz
Q	Min	50
	Typ	75
Test Frequency of Q	Nom	4 M Hz
Self Resonant Frequency	Min	40 M Hz
	Typ	60 M Hz
DC Resistance	Max	0.65 Ohm
DC Resistance	Nom	0.32 Ohm
Rated Current	Max	15 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	0.014 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	Blister (Plastic)Taping [180mm Reel]	
Minumum Package Qty	Nom	2000 Pcs
Minimum Order Qty	Nom	2000 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.

[PAGE TOP](#) 

Copyright(c) 1996-2008 All rights reserved.