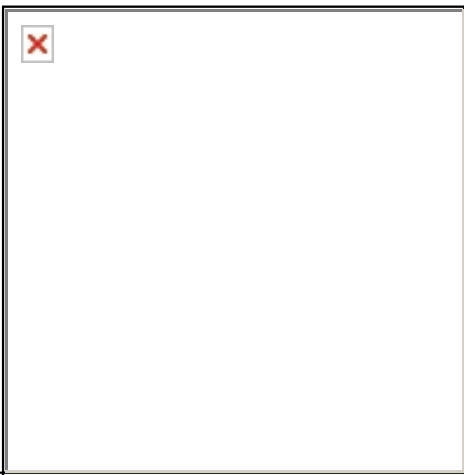




Product Name	Multilayer Inductor for Signal Line
Series	MLF Series
Type	1608 Type
Part Number	MLF1608A1R8KTA00

Product Lifecycle Stage PROD

Specification		
Mounting Method Flag		Yes
Processing		multilayer type
Shape		SMD
Size Code		1608
Body Length(L)	Nom	1.6 mm
Body Breadth(W)	Nom	0.8 mm
Body Height(T)	Nom	0.8 mm
Rated Inductance	Nom	1.8 micro H
Inductance Tolerance (%)	Min	-10 %
	Max	10 %
Test Frequency of Inductance	Nom	10 M Hz
Q	Min	35
	Typ	55
Test Frequency of Q	Nom	10 M Hz
Self Resonant Frequency	Min	90 M Hz
	Typ	130 M Hz
DC Resistance	Max	0.85 Ohm
DC Resistance	Nom	0.35 Ohm
Rated Current	Max	50 mA
Terminal Material		Ag(100%)/Sn plating
Polarity Marking		No
Magnetic Shielding		Yes
Soldering Method		Reflow,Iron Soldering
Measuring Equipment(Inductance)		Ag4294A-16034G
Measuring Equipment(Q)		Ag4294A-16034G
Measuring Equipment(DC Resistance)		7561
Category Temperature Range (Including Selftemperature Rise)	Min	-25 Cel
	Max	85 Cel
Storage Temperature Range	Min	-40 Cel
	Max	85 Cel
Weight	Nom	0.004 g

Summary/Applications/Features		
Summary	This is a multilayer inductor with magnetic shielding by Ferrite material.	
Applications	PC,HDD,etc	
Features	High-reliability monolithic structure. The products contain no lead and also support lead-free soldering.	
Packaging		
Packing	Punched (Paper)Taping [180mm Reel]	
Minumum Package Qty	Nom	400C Pcs
Minimum Order Qty	Nom	400C Pcs



[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.