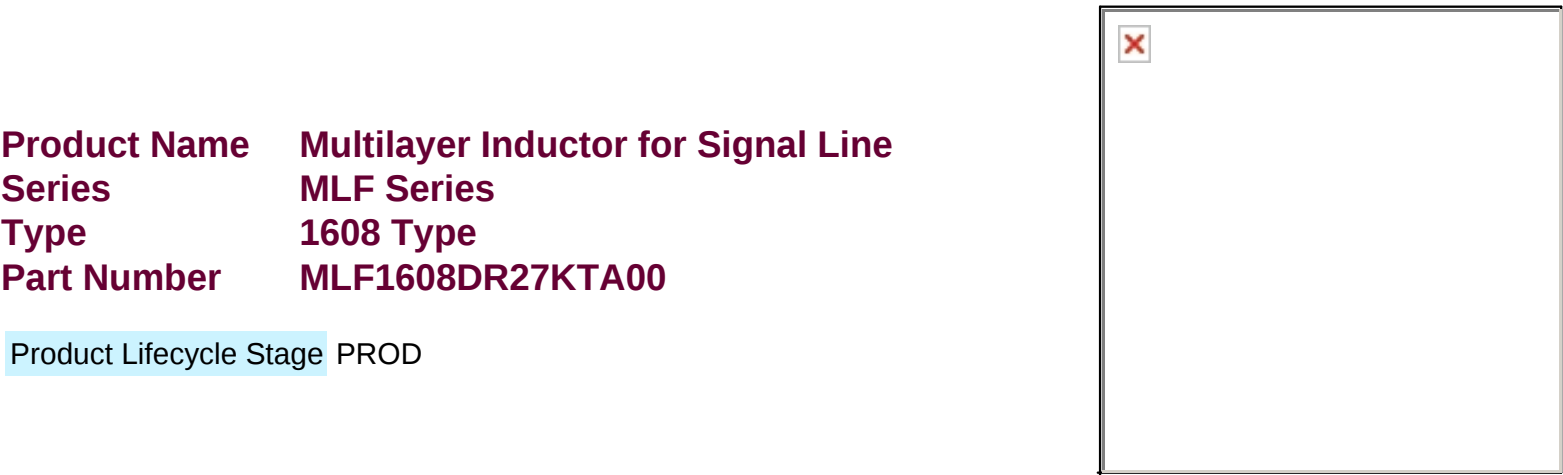




Product Name

Multilayer Inductor for Signal Line

Series

MLF Series

Type

1608 Type

Part Number

MLF1608DR27KTA00

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	0.27	micro H
Inductance Tolerance (%)	Min	-10	%
	Max	10	%
Test Frequency of Inductance	Nom	25	M Hz
Q	Min	15	
	Typ	25	
Test Frequency of Q	Nom	25	M Hz
Self Resonant Frequency	Min	260	M Hz
	Typ	350	M Hz
DC Resistance	Max	0.6	Ohm
DC Resistance	Nom	0.35	Ohm
Rated Current	Max	150	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

[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.

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	4000 Pcs
Minimum Order Qty		Nom	4000 Pcs

