Product Name Multilayer Inductor for Signal Line
Series MLF Series
Type 1608 Type
Part Number MLF1608E6R8KTA00

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	6.8 microH
Inductance Tolerance (%)	Min	-10 %
	Max	10 %
Test Frequency of Inductance	Nom	4 MHz
Q	Min	35
	Typ	60
Test Frequency of Q	Nom	4 MHz
Self Resonant Frequency	Min	40 MHz
	Typ	60 MHz
DC Resistance	Max	1.3 Ohm
DC Resistance	Nom	0.65 Ohm
Rated Current	Max	15 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 Rang (Including Self-temperature Rise)	Min	-25 Cel
	Max	85 Cel
Storage Temperature Rang	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 suppo lead-free soldering.

Packaging

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

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