

Inductors (Coils)

Inductor Coils

Part Number : **MLF1608C220KTA00**

Product Name : **Multilayer Inductor for Signal Line**

TDK Series Name : **MLF Series**

Application : **PC, HDD, etc**

Function :
High-reliability monolithic structure.The products contain no lead and also support lead-free soldering.

Description :
This is a multilayer inductor with magnetic shielding by Ferrite material.


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MLF1608 TYPE
APPEARANCE PHOTOGRAPH



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Application	Catalog	SEAT	CCV	TVCL	Tech Notes
Property Name		Property Description			
Product Lifecycle Stage		Production			
Part Number Replacement		No Data Available.			
Lead (Pb) Free		Yes			
Surface Mount		Yes			
Construction Type		MULTI-LAYER			
Shape		SMD			
Body Length (L)		Nom 1.6 mm			
Body Breadth (W)		Nom 0.8 mm			
Body Height (T)		Nom 0.8 mm			
Inductance		Nom 22 μH			
Inductance Tolerance (%)		Min -10 % Max 10 %			
Frequency of Inductance		Nom 1 MHz			
Q		Min 20			
Frequency of Q		Nom 1 MHz			
Self Resonant Frequency		Min 18 MHz			
D.C. Resistance		Nom 0.9 Ohm			
D.C. Resistance		Max 1.7 Ohm			
Rated Current		Max 2 mA			
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			
Country of Origin		JPN			
Packing		Punched (Paper)Taping [180mm Reel]			
Minimum Package Qty		Nom 4000 Pcs			
Minimum Order Qty		Nom 4000 Pcs			
Weight		Nom 0.004 g			

Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set fort in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in , or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").