

MLF2012K470KT000

Multilayer Inductor for Signal Line

Category : **Inductors (Coils)**

Sub Category : **Inductor Coils**

TDK Series Name : **MLF Series**

Application : **No Data Available.**

Function : **No Data Available.**

Description : **No Data Available.**

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MLF2012 TYPE (t=1.25mm)
APPEARANCE PHOTOGRAPH


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Property Name	Property Description
Product Lifecycle Stage	Production
Part Number Replacement	<i>No Data Available.</i>
Lead (Pb) Free	Yes
Surface Mount	Yes
Construction Type	multilayer type
Mounting	SMD
Body Length (L)	Nom 2 mm
Body Width (W)	Nom 1.25 mm
Body Height (T)	Max <i>No Data Available.</i>
Inductance	Nom 47 μ H
Inductance Tolerance (%)	Min -10 % Max 10 %
Frequency of Inductance	Nom 2 MHz
Q	Min 35
Frequency of Q	Nom 2 MHz
Self Resonant Frequency	Min 11 MHz
D.C. Resistance	Nom 1.6 Ohm
D.C. Resistance	Max 2.7 Ohm
Rated Current	Max 0.004 A
Terminal Material	Ag(100%)/Sn plating
Polarity Marking	No
Magnetic Shielding	Yes
Soldering Method	Reflow, Iron Soldering
Measuring Equipment(Q)	Ag4294A-16034G
Category Temperature Range	Min -25 Cel Max 85 Cel
Storage Temperature Range	Min -40 Cel Max 85 Cel
Country of Origin	JPN
Packing	Blister (Plastic)Taping [180mm Reel]
Minimum Package Qty	Nom 2000 Pcs
Minimum Order Qty	Nom 2000 Pcs
Weight	Nom 0.014 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 forth 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").