

## MLF2012DR15KT000

### 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=0.85mm)  
APPEARANCE PHOTOGRAPH


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#### Additional Search Tools:

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▶ 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

**multilayer type**

Mounting

**SMD**

Body Length (L)

Nom **2** mm

Body Width (W)

Nom **1.25** mm

Body Height (T)

Max *No Data Available.*

Inductance

Nom **0.15**  $\mu$ H

Inductance Tolerance (%)

Min **-10** %

Max **10** %

Frequency of Inductance

Nom **25** MHz

Q

Min **20**

Frequency of Q

Nom **25** MHz

Self Resonant Frequency

Min **320** MHz

D.C. Resistance

Nom **0.13** Ohm

D.C. Resistance

Max **0.2** Ohm

Rated Current

Max **0.3** 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

**Punched (Paper)Taping [180mm Reel]**

Minimum Package Qty

Nom **4000** Pcs

Minimum Order Qty

Nom **4000** Pcs

Weight

Nom **0.01** 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").