

MLF2012DR10MTD25 Datasheet



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DiGi Electronics Part Number	MLF2012DR10MTD25-DG
Manufacturer	TDK Corporation
Manufacturer Product Number	MLF2012DR10MTD25
Description	FIXED IND 100NH 300MA 150MOHM SM
Detailed Description	100 nH Shielded Multilayer Inductor 300 mA 150mOhm Max 0805 (2012 Metric)

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Purchase and inquiry

Manufacturer Product Number:

MLF2012DR10MTD25

Series:

MLF

Type:

Multilayer

Inductance:

100 nH

Current Rating (Amps):

300 mA

Shielding:

Shielded

Q @ Freq:

20 @ 25MHz

Ratings:

AEC-Q200

Inductance Frequency - Test:

25 MHz

Package / Case:

0805 (2012 Metric)

Size / Dimension:

0.079" L x 0.049" W (2.00mm x 1.25mm)

Manufacturer:

TDK Corporation

Product Status:

Active

Material - Core:

Ferrite

Tolerance:

±20%

Current - Saturation (Isat):

-

DC Resistance (DCR):

150mOhm Max

Frequency - Self Resonant:

400MHz

Operating Temperature:

-55°C ~ 125°C

Mounting Type:

Surface Mount

Supplier Device Package:

0805 (2012 Metric)

Height - Seated (Max):

0.041" (1.05mm)

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8504.50.8000

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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