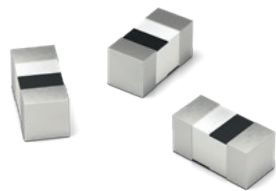


DESIGN KIT

WE-MK SMD Multilayer Ceramic Inductor – 0402 – 5 % Tol.



744 784 0010

L: 1 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 8000 MHz

744 784 0012

L: 1.2 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 8000 MHz

744 784 0015

L: 1.5 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 8000 MHz

744 784 0018

L: 1.8 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 6000 MHz

744 784 0020

L: 2 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 6000 MHz

744 784 0022

L: 2.2 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 6000 MHz

744 784 0027

L: 2.7 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 6000 MHz

744 784 0030

L: 3 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 6000 MHz

744 784 0033

L: 3.3 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 6000 MHz

744 784 0039

L: 3.9 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 6000 MHz

744 784 0047

L: 4.7 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 6000 MHz

744 784 0056

L: 5.6 nH @ 100 MHz
L Tol.: ± 0.3 nH
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 5300 MHz

744 784 0068

L: 6.8 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 4200 MHz

744 784 0075

L: 7.5 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 4200 MHz

744 784 0082

L: 8.2 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 3600 MHz

744 784 0110

L: 10 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 3200 MHz

744 784 0112

L: 12 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 2800 MHz

744 784 0115

L: 15 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 2300 MHz

744 784 0118

L: 18 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 2100 MHz

744 784 0122

L: 22 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 1800 MHz

744 784 0127

L: 27 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 1600 MHz

744 784 0133

L: 33 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 1500 MHz

744 784 0139

L: 39 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 1200 MHz

744 784 0147

L: 47 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 1000 MHz

744 784 0156

L: 56 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 800 MHz

744 784 0168

L: 68 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 800 MHz

744 784 0182

L: 82 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 600 MHz

744 784 0210

L: 100 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 600 MHz

744 784 0212

L: 120 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 600 MHz

744 784 0215

L: 150 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 500 MHz

744 784 0218

L: 180 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 500 MHz

744 784 0222

L: 220 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 500 MHz

744 784 0227

L: 270 nH @ 100 MHz
L Tol.: ± 5 %
 Q_{min} : 8 @ 100 MHz
SRF_{min}: 500 MHz

Important information: Würth Elektronik's design kits contain reference components. These components correspond with the current product development status on the day of supply. Exchange of the reference components to components with up-to-date product development status is not carried out automatically. No liability is taken for the use of these reference components. Therefore, please request new samples prior to releases for series production and product release.

Please check datasheets on www.we-online.com for specifications.
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