



DESIGN KIT

WE-MK 0201

Multilayer Ceramic SMD Inductor



SIZE:

0201

TECHNICAL DATA:

L: 1 - 33 nH @ 100 MHz
Q_{9p}: 17 - 20 @ 800 MHz
f_{res}: 1500 - 13000 MHz
R_{dc}: 0.12 - 2.30 Ω

Order Code 744 785
Version 2.0

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WE-MK 0201 Multilayer Ceramic SMD Inductor



0201

744 782 01 L: 1.0 nH@100MHz Q_{sp} : 17 @800MHz f_{res} : 13000 MHz R_{DC} : 0.12 Ω	744 782 012 L: 1.2 nH@100MHz Q_{sp} : 17 @800MHz f_{res} : 13000 MHz R_{DC} : 0.15 Ω	744 782 015 L: 1.5 nH@100MHz Q_{sp} : 17 @800MHz f_{res} : 13000 MHz R_{DC} : 0.18 Ω	744 782 018 L: 1.8 nH@100MHz Q_{sp} : 17 @800MHz f_{res} : 10500 MHz R_{DC} : 0.22 Ω	744 782 022 L: 2.2 nH@100MHz Q_{sp} : 18 @800MHz f_{res} : 9500 MHz R_{DC} : 0.26 Ω	744 782 027 L: 2.7 nH@100MHz Q_{sp} : 18 @800MHz f_{res} : 8500 MHz R_{DC} : 0.32 Ω
744 782 033 L: 3.3 nH@100MHz Q_{sp} : 19 @800MHz f_{res} : 7500 MHz R_{DC} : 0.38 Ω	744 782 039 L: 3.9 nH@100MHz Q_{sp} : 20 @800MHz f_{res} : 6800 MHz R_{DC} : 0.45 Ω	744 782 047 L: 4.7 nH@100MHz Q_{sp} : 20 @800MHz f_{res} : 6000 MHz R_{DC} : 0.50 Ω	744 782 056 L: 5.6 nH@100MHz Q_{sp} : 20 @800MHz f_{res} : 5500 MHz R_{DC} : 0.60 Ω	744 782 068 L: 6.8 nH@100MHz Q_{sp} : 20 @800MHz f_{res} : 4800 MHz R_{DC} : 0.70 Ω	744 782 082 L: 8.2 nH@100MHz Q_{sp} : 20 @800MHz f_{res} : 4600 MHz R_{DC} : 0.90 Ω
744 782 10 L: 10 nH@100MHz Q_{sp} : 20 @800MHz f_{res} : 4000 MHz R_{DC} : 1.20 Ω	744 782 12 L: 12 nH@100MHz Q_{sp} : 19 @800MHz f_{res} : 3500 MHz R_{DC} : 1.30 Ω	744 782 15 L: 15 nH@100MHz Q_{sp} : 19 @800MHz f_{res} : 3000 MHz R_{DC} : 1.40 Ω	744 782 18 L: 18 nH@100MHz Q_{sp} : 19 @800MHz f_{res} : 2500 MHz R_{DC} : 1.50 Ω	744 782 22 L: 22 nH@100MHz Q_{sp} : 18 @800MHz f_{res} : 2200 MHz R_{DC} : 1.80 Ω	744 782 27 L: 27 nH@100MHz Q_{sp} : 18 @800MHz f_{res} : 1800 MHz R_{DC} : 2.00 Ω
744 782 33 L: 33 nH@100MHz Q_{sp} : 17 @800MHz f_{res} : 1500 MHz R_{DC} : 2.30 Ω					

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