WÜRTH ELEKTRONIK

DESIGN KIT

WE-MK 0201

Multilayer Ceramic SMD Inductor

SIZE:

0201

TECHNICAL DATA:

L: 1 - 33 nH @ 100 MHz

Q_{typ}: 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		744 782 012		744 782 015		744 782 018		744 782 022		744 782 027	
L:	1.0 nH@100 MHz	L:	1.2 nH@100 MHz	L:	1.5 nH@100 MHz	L:	1.8 nH@100 MHz	L:	2.2 nH@100 MHz	L:	2.7 nH@100 MHz
Q_{typ}:	17 @800 MHz	Q_{typ}:	17 @800 MHz	Q_{typ}:	17 @800 MHz	Q_{typ}:	17 @800 MHz	Q_{typ}:	18 @800 MHz	Q_{typ}:	18 @800 MHz
f_{res}:	13000 MHz	f_{res}:	13000 MHz	f_{res}:	13000 MHz	f_{res}:	10500 MHz	f_{res}:	9500 MHz	f_{res}:	8500 MHz
R_{DC}:	0.12 Ω	R_{DC}:	0.15 Ω	R_{DC}:	0.18 Ω	R_{DC}:	0.22 Ω	R_{DC}:	0.26 Ω	R_{DC}:	0.32 Ω

744 782 033		744 782 039		744 782 047		744 782 056		744 782 068		744 782 082	
L:	3.3 nH@100 MHz	L:	3.9 nH@100 MHz	L:	4.7 nH@100 MHz	L:	5.6 nH@100 MHz	L:	6.8 nH@100 MHz	L:	8.2 nH@100 MHz
Q_{typ}:	19 @800 MHz	Q_{typ}:	20 @800 MHz	Q_{typ}:	20 @800 MHz	Q_{typ}:	20 @800 MHz	Q_{typ}:	20 @800 MHz	Q_{typ}:	20 @800 MHz
f_{res}:	7500 MHz	f_{res}:	6800 MHz	f_{res}:	6000 MHz	f_{res}:	5500 MHz	f_{res}:	4800 MHz	f_{res}:	4600 MHz
R_{DC}:	0.38 Ω	R_{DC}:	0.45 Ω	R_{DC}:	0.50 Ω	R_{DC}:	0.60 Ω	R_{DC}:	0.70 Ω	R_{DC}:	0.90 Ω

744 782 10		744 782 12		744 782 15		744 782 18		744 782 22		744 782 27	
L:	10 nH@100 MHz	L:	12 nH@100 MHz	L:	15 nH@100 MHz	L:	18 nH@100 MHz	L:	22 nH@100 MHz	L:	27 nH@100 MHz
Q_{typ}:	20 @800 MHz	Q_{typ}:	19 @800 MHz	Q_{typ}:	19 @800 MHz	Q_{typ}:	19 @800 MHz	Q_{typ}:	18 @800 MHz	Q_{typ}:	18 @800 MHz
f_{res}:	4000 MHz	f_{res}:	3500 MHz	f_{res}:	3000 MHz	f_{res}:	2500 MHz	f_{res}:	2200 MHz	f_{res}:	1800 MHz
R_{DC}:	1.20 Ω	R_{DC}:	1.30 Ω	R_{DC}:	1.40 Ω	R_{DC}:	1.50 Ω	R_{DC}:	1.80 Ω	R_{DC}:	2.00 Ω

744 782 33	
L:	33 nH@100 MHz
Q_{typ}:	17 @800 MHz
f_{res}:	1500 MHz
R_{DC}:	2.30 Ω

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.

All products in stock!