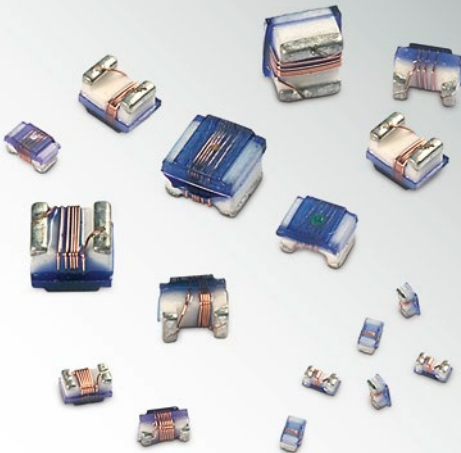




DESIGN KIT

WE-KI 0603 SMD Wire Wound Ceramic Inductor



SIZE:

0603

TECHNICAL DATA:

L: 1.6 ~ 390 nH
Q_{min}: 16 ~ 40
SRF: 500 ~ 12500 MHz
R_{DC}: 0.03 ~ 2.3 Ω

Order Code 744 761
Version 1.0

WE-KI 0603

SMD Wire Wound Ceramic Inductor



744 761 016 C

L:	1.6 nH @ 250 MHz
Q _{min} :	18 @ 250 MHz
SRF:	12500 MHz
R _{DC} :	0.03 Ω

744 761 018 A

L:	1.8 nH @ 250 MHz
Q _{min} :	16 @ 250 MHz
SRF:	12500 MHz
R _{DC} :	0.05 Ω

744 761 020 A

L:	2 nH @ 250 MHz
Q _{min} :	16 @ 250 MHz
SRF:	6900 MHz
R _{DC} :	0.08 Ω

744 761 033 A

L:	3.3 nH @ 250 MHz
Q _{min} :	22 @ 250 MHz
SRF:	5800 MHz
R _{DC} :	0.06 Ω

744 761 036 A

L:	3.6 nH @ 250 MHz
Q _{min} :	22 @ 250 MHz
SRF:	5900 MHz
R _{DC} :	0.06 Ω

744 761 047 C

L:	4.7 nH @ 250 MHz
Q _{min} :	20 @ 250 MHz
SRF:	5800 MHz
R _{DC} :	0.08 Ω

744 761 056 C

L:	5.6 nH @ 250 MHz
Q _{min} :	16 @ 250 MHz
SRF:	5500 MHz
R _{DC} :	0.19 Ω

744 761 068 A

L:	6.8 nH @ 250 MHz
Q _{min} :	30 @ 250 MHz
SRF:	5800 MHz
R _{DC} :	0.11 Ω

744 761 075 C

L:	7.5 nH @ 250 MHz
Q _{min} :	28 @ 250 MHz
SRF:	4600 MHz
R _{DC} :	0.1 Ω

744 761 082 C

L:	8.2 nH @ 250 MHz
Q _{min} :	28 @ 250 MHz
SRF:	4700 MHz
R _{DC} :	0.1 Ω

744 761 110 A

L:	10 nH @ 250 MHz
Q _{min} :	30 @ 250 MHz
SRF:	4800 MHz
R _{DC} :	0.13 Ω

744 761 111 C

L:	11 nH @ 250 MHz
Q _{min} :	30 @ 250 MHz
SRF:	4000 MHz
R _{DC} :	0.1 Ω

744 761 112 C

L:	12 nH @ 250 MHz
Q _{min} :	35 @ 250 MHz
SRF:	4000 MHz
R _{DC} :	0.1 Ω

744 761 115 A

L:	15 nH @ 250 MHz
Q _{min} :	35 @ 250 MHz
SRF:	4000 MHz
R _{DC} :	0.17 Ω

744 761 116 A

L:	16 nH @ 250 MHz
Q _{min} :	34 @ 250 MHz
SRF:	3300 MHz
R _{DC} :	0.17 Ω

744 761 118 C

L:	18 nH @ 250 MHz
Q _{min} :	35 @ 250 MHz
SRF:	3100 MHz
R _{DC} :	0.12 Ω

744 761 120 C

L:	20 nH @ 250 MHz
Q _{min} :	35 @ 250 MHz
SRF:	3100 MHz
R _{DC} :	0.12 Ω

744 761 122 A

L:	22 nH @ 250 MHz
Q _{min} :	38 @ 250 MHz
SRF:	3000 MHz
R _{DC} :	0.22 Ω

744 761 127 C

L:	27 nH @ 250 MHz
Q _{min} :	40 @ 250 MHz
SRF:	2800 MHz
R _{DC} :	0.2 Ω

744 761 130 A

L:	30 nH @ 250 MHz
Q _{min} :	40 @ 100 MHz
SRF:	2500 MHz
R _{DC} :	0.22 Ω

744 761 133 C

L:	33 nH @ 250 MHz
Q _{min} :	36 @ 250 MHz
SRF:	2300 MHz
R _{DC} :	0.2 Ω

744 761 139 C

L:	39 nH @ 250 MHz
Q _{min} :	36 @ 250 MHz
SRF:	2200 MHz
R _{DC} :	0.21 Ω

744 761 147 C

L:	47 nH @ 200 MHz
Q _{min} :	35 @ 200 MHz
SRF:	2000 MHz
R _{DC} :	0.23 Ω

744 761 151 C

L:	51 nH @ 200 MHz
Q _{min} :	32 @ 200 MHz
SRF:	1950 MHz
R _{DC} :	0.24 Ω

744 761 156 C

L:	56 nH @ 200 MHz
Q _{min} :	32 @ 200 MHz
SRF:	1900 MHz
R _{DC} :	0.25 Ω

744 761 168 C

L:	68 nH @ 200 MHz
Q _{min} :	40 @ 250 MHz
SRF:	1700 MHz
R _{DC} :	0.35 Ω

744 761 172 A

L:	72 nH @ 150 MHz
Q _{min} :	35 @ 150 MHz
SRF:	1700 MHz
R _{DC} :	0.49 Ω

744 761 182 C

L:	82 nH @ 150 MHz
Q _{min} :	30 @ 150 MHz
SRF:	1700 MHz
R _{DC} :	0.58 Ω

744 761 210 A

L:	100 nH @ 150 MHz
Q _{min} :	35 @ 150 MHz
SRF:	1400 MHz
R _{DC} :	0.63 Ω

744 761 212 C

L:	120 nH @ 150 MHz
Q _{min} :	30 @ 150 MHz
SRF:	1300 MHz
R _{DC} :	0.65 Ω

744 761 215 C

L:	150 nH @ 100 MHz
Q _{min} :	35 @ 150 MHz
SRF:	1000 MHz
R _{DC} :	0.85 Ω

744 761 218 C

L:	180 nH @ 100 MHz
Q _{min} :	25 @ 100 MHz
SRF:	990 MHz
R _{DC} :	1.0 Ω

744 761 222 C

L:	220 nH @ 100 MHz
Q _{min} :	25 @ 100 MHz
SRF:	900 MHz
R _{DC} :	1.8 Ω

744 761 227 C

L:	270 nH @ 100 MHz
Q _{min} :	30 @ 100 MHz
SRF:	1000 MHz
R _{DC} :	2.1 Ω

744 761 233 A

L:	330 nH @ 100 MHz
Q _{min} :	25 @ 100 MHz
SRF:	500 MHz
R _{DC} :	2.3 Ω

744 761 239 A

L:	390 nH @ 100 MHz
Q _{min} :	20 @ 100 MHz
SRF:	900 MHz
R _{DC} :	2.2 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.
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