



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

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