



DESIGN KIT

WE-MK 0603 (A-Type) Multilayer Ceramic SMD Inductor



SIZE:

0603 (A-Type)

TECHNICAL DATA:

L: 1 ~ 470 nH

Q_{min} : 8 ~ 12

SRF: 250 ~ 10000 MHz

R_{dc} : 0.05 ~ 3.6 Ω

Order Code 744 786 A
Version 1.0

WE-MK 0603 (A-Type) Multilayer Ceramic SMD Inductor



744 786 010 A L: 1 nH @100 MHz Q_{min} : 8 @ 100 MHz SRF: 10000 MHz R_{DC} : 0.05 Ω	744 786 012 A L: 1.2 nH @100 MHz Q_{min} : 8 @ 100 MHz SRF: 10000 MHz R_{DC} : 0.05 Ω	744 786 015 A L: 1.5 nH @100 MHz Q_{min} : 8 @ 100 MHz SRF: 6000 MHz R_{DC} : 0.10 Ω	744 786 018 A L: 1.8 nH @100 MHz Q_{min} : 8 @ 100 MHz SRF: 6000 MHz R_{DC} : 0.10 Ω	744 786 022 A L: 2.2 nH @100 MHz Q_{min} : 8 @ 100 MHz SRF: 6000 MHz R_{DC} : 0.10 Ω	744 786 027 A L: 2.7 nH @100 MHz Q_{min} : 10 @ 100 MHz SRF: 6000 MHz R_{DC} : 0.12 Ω
744 786 033 A L: 3.3 nH @100 MHz Q_{min} : 10 @ 100 MHz SRF: 6000 MHz R_{DC} : 0.15 Ω	744 786 039 A L: 3.9 nH @100 MHz Q_{min} : 10 @ 100 MHz SRF: 6000 MHz R_{DC} : 0.16 Ω	744 786 047 A L: 4.7 nH @100 MHz Q_{min} : 10 @ 100 MHz SRF: 6000 MHz R_{DC} : 0.20 Ω	744 786 056 A L: 5.6 nH @100 MHz Q_{min} : 10 @ 100 MHz SRF: 5000 MHz R_{DC} : 0.25 Ω	744 786 068 A L: 6.8 nH @100 MHz Q_{min} : 10 @ 100 MHz SRF: 5000 MHz R_{DC} : 0.30 Ω	744 786 082 A L: 8.2 nH @100 MHz Q_{min} : 10 @ 100 MHz SRF: 4500 MHz R_{DC} : 0.35 Ω
744 786 110 A L: 10 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 3500 MHz R_{DC} : 0.40 Ω	744 786 112 A L: 12 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 3000 MHz R_{DC} : 0.45 Ω	744 786 115 A L: 15 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 2300 MHz R_{DC} : 0.50 Ω	744 786 118 A L: 18 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 2200 MHz R_{DC} : 0.55 Ω	744 786 122 A L: 22 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 2000 MHz R_{DC} : 0.60 Ω	744 786 127 A L: 27 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 1700 MHz R_{DC} : 0.65 Ω
744 786 133 A L: 33 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 1500 MHz R_{DC} : 0.70 Ω	744 786 139 A L: 39 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 1400 MHz R_{DC} : 0.70 Ω	744 786 147 A L: 47 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 1200 MHz R_{DC} : 0.70 Ω	744 786 156 A L: 56 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 1100 MHz R_{DC} : 0.75 Ω	744 786 168 A L: 68 nH @100 MHz Q_{min} : 12 @ 100 MHz SRF: 900 MHz R_{DC} : 0.85 Ω	744 786 182 A L: 82 nH @100 MHz Q_{min} : 8 @ 100 MHz SRF: 800 MHz R_{DC} : 1.00 Ω
744 786 210 A L: 100 nH @100 MHz Q_{min} : 8 @ 100 MHz SRF: 700 MHz R_{DC} : 1.20 Ω	744 786 212 A L: 120 nH @50 MHz Q_{min} : 8 @ 50 MHz SRF: 600 MHz R_{DC} : 1.40 Ω	744 786 215 A L: 150 nH @50 MHz Q_{min} : 8 @ 50 MHz SRF: 500 MHz R_{DC} : 1.60 Ω	744 786 218 A L: 180 nH @50 MHz Q_{min} : 8 @ 50 MHz SRF: 400 MHz R_{DC} : 1.90 Ω	744 786 222 A L: 220 nH @50 MHz Q_{min} : 8 @ 50 MHz SRF: 350 MHz R_{DC} : 2.40 Ω	744 786 227 A L: 270 nH @50 MHz Q_{min} : 8 @ 50 MHz SRF: 350 MHz R_{DC} : 2.60 Ω
744 786 233 A L: 330 nH @50 MHz Q_{min} : 8 @ 50 MHz SRF: 350 MHz R_{DC} : 2.80 Ω	744 786 239 A L: 390 nH @50 MHz Q_{min} : 8 @ 50 MHz SRF: 300 MHz R_{DC} : 3.20 Ω	744 786 243 A L: 430 nH @50 MHz Q_{min} : 8 @ 50 MHz SRF: 280 MHz R_{DC} : 3.40 Ω	744 786 247 A L: 470 nH @50 MHz Q_{min} : 8 @ 50 MHz SRF: 250 MHz R_{DC} : 3.60 Ω		

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