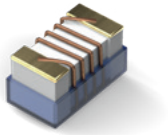
DESIGN KIT
WE-KI SMD Wire wound
Ceramic Inductor 0805 / 1008 – 2 % Tol.



0805					
744 760 022 A	**744 760 033 A**	**744 760 056 GA**	**744 760 082 GA**	**744 760 110 GA**	**744 760 112 GA**
L: 2.2 nH @ 250 MHz	L: 3.3 nH @ 250 MHz	L: 5.6 nH @ 250 MHz	L: 8.2 nH @ 250 MHz	L: 10 nH @ 250 MHz	L: 12 nH @ 250 MHz
L Tol.: ±0.2 nH	L Tol.: ±0.2 nH	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %
Q_{min}: 50 @ 1000 MHz	Q_{min}: 60 @ 1000 MHz	Q_{min}: 60 @ 1000 MHz	Q_{min}: 60 @ 1000 MHz	Q_{min}: 60 @ 500 MHz	Q_{min}: 60 @ 500 MHz
SRF_{min}: 6000 MHz	SRF_{min}: 6000 MHz	SRF_{min}: 5800 MHz	SRF_{min}: 5500 MHz	SRF_{min}: 4800 MHz	SRF_{min}: 4100 MHz
744 760 115 GA	**744 760 122 GA**	**744 760 133 GA**	**744 760 139 GA**	**744 760 147 GA**	**744 760 168 GA**
L: 15 nH @ 250 MHz	L: 22 nH @ 250 MHz	L: 33 nH @ 250 MHz	L: 39 nH @ 250 MHz	L: 47 nH @ 200 MHz	L: 68 nH @ 200 MHz
L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %
Q_{min}: 60 @ 500 MHz	Q_{min}: 60 @ 500 MHz	Q_{min}: 60 @ 500 MHz	Q_{min}: 60 @ 500 MHz	Q_{min}: 60 @ 500 MHz	Q_{min}: 60 @ 500 MHz
SRF_{min}: 3600 MHz	SRF_{min}: 3300 MHz	SRF_{min}: 2400 MHz	SRF_{min}: 2100 MHz	SRF_{min}: 1700 MHz	SRF_{min}: 1450 MHz
744 760 182 GA	**744 760 210 GA**	**744 760 215 GA**	**744 760 218 GA**	**744 760 227 GA**	**744 760 239 GA**
L: 82 nH @ 150 MHz	L: 100 nH @ 150 MHz	L: 150 nH @ 100 MHz	L: 180 nH @ 100 MHz	L: 270 nH @ 100 MHz	L: 390 nH @ 100 MHz
L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %
Q_{min}: 60 @ 500 MHz	Q_{min}: 50 @ 500 MHz	Q_{min}: 50 @ 250 MHz	Q_{min}: 50 @ 250 MHz	Q_{min}: 45 @ 250 MHz	Q_{min}: 45 @ 250 MHz
SRF_{min}: 1350 MHz	SRF_{min}: 1200 MHz	SRF_{min}: 950 MHz	SRF_{min}: 900 MHz	SRF_{min}: 850 MHz	SRF_{min}: 210 MHz

1008					
744 762 068 GA	**744 762 110 GA**	**744 762 115 GA**	**744 762 118 GA**	**744 762 127 GA**	**744 762 133 GA**
L: 6.8 nH @ 100 MHz	L: 10 nH @ 100 MHz	L: 15 nH @ 100 MHz	L: 18 nH @ 100 MHz	L: 27 nH @ 100 MHz	L: 33 nH @ 100 MHz
L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %
Q_{min}: 50 @ 1000 MHz	Q_{min}: 50 @ 1000 MHz	Q_{min}: 60 @ 500 MHz	Q_{min}: 60 @ 350 MHz	Q_{min}: 60 @ 350 MHz	Q_{min}: 60 @ 350 MHz
SRF_{min}: 5500 MHz	SRF_{min}: 4300 MHz	SRF_{min}: 2700 MHz	SRF_{min}: 2700 MHz	SRF_{min}: 1800 MHz	SRF_{min}: 1700 MHz
744 762 139 GA	**744 762 156 GA**	**744 762 182 GA**	**744 762 210 GA**	**744 762 212 GA**	**744 762 218 GA**
L: 39 nH @ 100 MHz	L: 56 nH @ 100 MHz	L: 82 nH @ 100 MHz	L: 100 nH @ 100 MHz	L: 120 nH @ 25 MHz	L: 180 nH @ 25 MHz
L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %
Q_{min}: 60 @ 350 MHz	Q_{min}: 60 @ 350 MHz	Q_{min}: 60 @ 350 MHz	Q_{min}: 60 @ 350 MHz	Q_{min}: 45 @ 100 MHz	Q_{min}: 45 @ 100 MHz
SRF_{min}: 1500 MHz	SRF_{min}: 1350 MHz	SRF_{min}: 1100 MHz	SRF_{min}: 1100 MHz	SRF_{min}: 950 MHz	SRF_{min}: 800 MHz
744 762 222 GA	**744 762 233 GA**	**744 762 256 GA**	**744 762 268 GA**	**744 762 282 GA**	**744 762 310 GA**
L: 220 nH @ 25 MHz	L: 330 nH @ 25 MHz	L: 560 nH @ 25 MHz	L: 680 nH @ 25 MHz	L: 820 nH @ 25 MHz	L: 1000 nH @ 25 MHz
L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %	L Tol.: ±2 %
Q_{min}: 45 @ 100 MHz	Q_{min}: 45 @ 100 MHz	Q_{min}: 45 @ 100 MHz	Q_{min}: 45 @ 100 MHz	Q_{min}: 45 @ 100 MHz	Q_{min}: 35 @ 50 MHz
SRF_{min}: 730 MHz	SRF_{min}: 570 MHz	SRF_{min}: 430 MHz	SRF_{min}: 380 MHz	SRF_{min}: 350 MHz	SRF_{min}: 310 MHz

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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