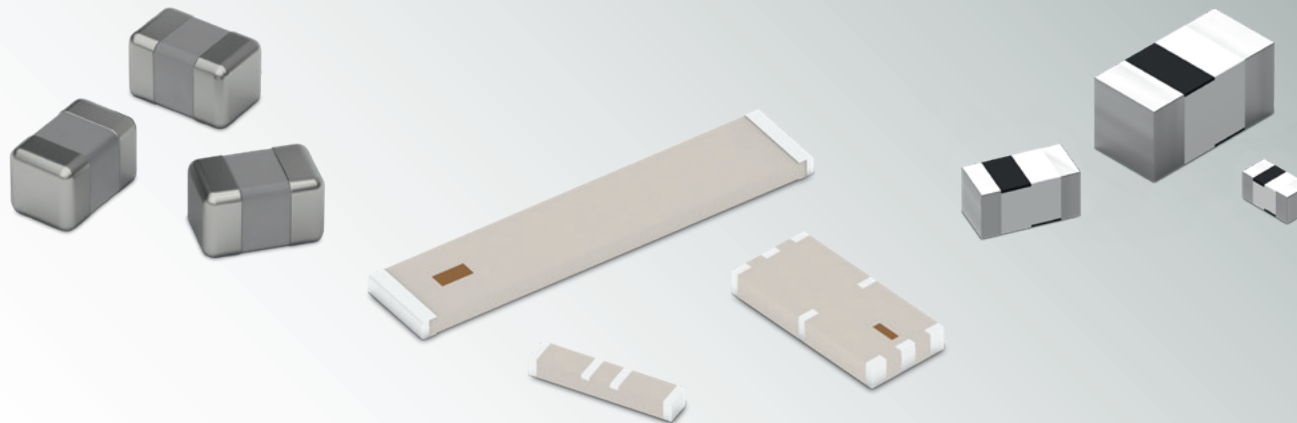


DESIGN KIT

Antenna Matching – One stop solution for impedance matching



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TECHNICAL DATA:

Antenna Frequency Range:	850 – 6000 MHz
Inductance:	1 – 100 nH
Capacitance:	0.3 – 27 pF

WE-MCA Multilayer Chip Antennas
WE-MK 0402 Multilayer RF Inductors
WCAP-CSRFB MLCCs High Frequency 0402
WR-CXASY High frequency Coaxial Cable

Order Code 748 001

Version 1.0

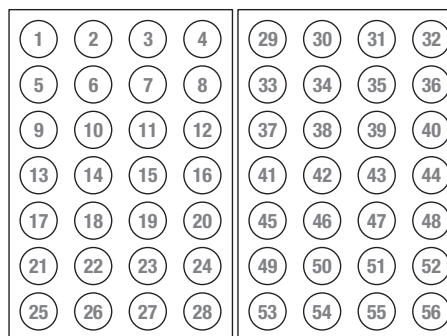
DESIGN KIT Antenna Matching



LEARN MORE:
[www.we-online.com/
antennamatching](http://www.we-online.com/antennamatching)

WE-MK			
No.	Order Code	Type	Value Unit (@ 100 MHz)
1	744 784 001 0	0402	1.0 nH
2	744 784 001 2		1.2 nH
3	744 784 001 5		1.5 nH
4	744 784 001 8		1.8 nH
5	744 784 002 0		2.0 nH
6	744 784 002 2		2.2 nH
7	744 784 002 7		2.7 nH
8	744 784 003 0		3.0 nH
9	744 784 003 3		3.3 nH
10	744 784 003 9		3.9 nH
11	744 784 004 7		4.7 nH
12	744 784 005 6		5.6 nH
13	744 784 006 8		6.8 nH
14	744 784 007 5		7.5 nH
15	744 784 008 2		8.2 nH
16	744 784 011 0		10.0 nH
17	744 784 011 2		12.0 nH
18	744 784 011 5		15.0 nH
19	744 784 011 8		18.0 nH
20	744 784 012 2		22.0 nH
21	744 784 012 7		27.0 nH
22	744 784 013 3		33.0 nH
23	744 784 013 9		39.0 nH
24	744 784 014 7		47.0 nH
25	744 784 015 6		56.0 nH
26	744 784 016 8		68.0 nH
27	744 784 018 2		82.0 nH
28	744 784 021 0		100.0 nH

WCAP-CSRF		
No.	Order Code	Capacitance (@ 1 MHz)
29	885 392 005 001	0.3 pF ± 0.1 pF
30	885 392 005 004	0.5 pF ± 0.05 pF
31	885 392 005 019	0.7 pF ± 0.1 pF
32	885 392 005 022	0.9 pF ± 0.1 pF
33	885 392 005 005	1 pF ± 0.05 pF
34	885 392 005 024	1.2 pF ± 0.1 pF
35	885 392 005 007	1.5 pF ± 0.1 pF
36	885 392 005 008	1.8 pF ± 0.1 pF
37	885 392 005 030	2 pF ± 0.1 pF
38	885 392 005 032	2.2 pF ± 0.1 pF
39	885 392 005 034	2.4 pF ± 0.1 pF
40	885 392 005 037	2.7 pF ± 0.1 pF
41	885 392 005 010	3 pF ± 0.1 pF
42	885 392 005 011	3.3 pF ± 0.1 pF
43	885 392 005 044	3.6 pF ± 0.1 pF
44	885 392 005 047	3.9 pF ± 0.1 pF
45	885 392 005 051	4.3 pF ± 0.1 pF
46	885 392 005 012	4.7 pF ± 0.1 pF
47	885 392 005 013	5.6 pF ± 0.1 pF
48	885 392 005 074	6.8 pF ± 0.1 pF
49	885 392 005 081	7.5 pF ± 0.1 pF
50	885 392 005 088	8.2 pF ± 0.1 pF
56	885 392 005 097	9.1 pF ± 0.1 pF
52	885 392 005 106	10 pF ± 5%
53	885 392 005 127	12 pF ± 2%
54	885 392 005 110	15 pF ± 5%
55	885 392 005 114	22 pF ± 5%
56	885 392 005 116	27 pF ± 5%



Technical Data of WCAP-CSRF

Size:	0402
Height:	0.5 mm
Rated Voltage:	50V_{DC}
Dielectric:	NPO
Capacitance Characteristics*:	30 ppm/°C
Operating Temperature:	-55 °C to +125 °C
Termination:	Cu / Ni / Sn

* within operating temperature range

WE-MCA
748 891 009 2
Frequency Range: 868 – 960 MHz

WE-MCA
748 891 024 5
Frequency Range: 2400 – 2500 MHz

WE-MCA
748 893 024 5
Frequency Range: 2400 – 2500 MHz

WE-MCA
748 891 245 5
Frequency Range: 2.4 – 2.5 & 4.9 – 5.8 GHz

WE-MCA
748 896 024 5
Frequency Range: 2400 – 2500 MHz

WE-MCA
748 892 015 7
Frequency Range: 1550 – 1600 MHz

WE-MCA
748 891 572 4
Frequency Range: 1.57 – 1.58 & 2.4 – 2.5 GHz

WE-MCA
748 892 245 5
Frequency Range: 2.4 – 2.5 & 5.0 – 6.0 GHz

WR-CXASY	655 035 035 153 08	Frequency Range:	DC – 18 GHz
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WR-CXASY	655 035 035 153 05	Frequency Range:	DC – 6 GHz
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