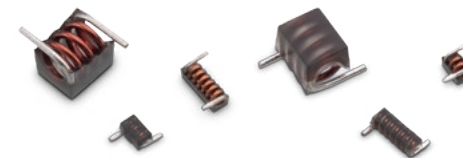


# DESIGN KIT

## WE-CAIR – SMD Air Coil Inductor



1322				1340			
<b>744 910 016</b>	<b>744 910 025</b>	<b>744 910 038</b>	<b>744 910 054</b>	<b>744 911 056</b>	<b>744 911 071</b>	<b>744 911 088</b>	
L: 1.65 nH	L: 2.55 nH	L: 3.85 nH	L: 5.45 nH	L: 5.6 nH	L: 7.15 nH	L: 8.8 nH	
Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	
SRF <sub>min</sub> : 10 GHz	SRF <sub>min</sub> : 8.2 GHz	SRF <sub>min</sub> : 7.5 GHz	SRF <sub>min</sub> : 7 GHz	SRF <sub>min</sub> : 6.5 GHz	SRF <sub>min</sub> : 6 GHz	SRF <sub>min</sub> : 6 GHz	
R <sub>DC</sub> : 4 mΩ	R <sub>DC</sub> : 5 mΩ	R <sub>DC</sub> : 6 mΩ	R <sub>DC</sub> : 8 mΩ	R <sub>DC</sub> : 9 mΩ	R <sub>DC</sub> : 10 mΩ	R <sub>DC</sub> : 12 mΩ	
1340		3136					
<b>744 911 098</b>	<b>744 911 112</b>	<b>744 913 025</b>	<b>744 913 050</b>	<b>744 913 080</b>	<b>744 913 112</b>	<b>744 913 118</b>	
L: 9.85 nH	L: 12.55 nH	L: 2.5 nH	L: 5 nH	L: 8 nH	L: 12.5 nH	L: 18.5 nH	
Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 140	Q <sub>min</sub> : 140	Q <sub>min</sub> : 140	Q <sub>min</sub> : 137	Q <sub>min</sub> : 132	
SRF <sub>min</sub> : 5.2 GHz	SRF <sub>min</sub> : 4.6 GHz	SRF <sub>min</sub> : 12.5 GHz	SRF <sub>min</sub> : 6.5 GHz	SRF <sub>min</sub> : 5 GHz	SRF <sub>min</sub> : 3.3 GHz	SRF <sub>min</sub> : 2.5 GHz	
R <sub>DC</sub> : 13 mΩ	R <sub>DC</sub> : 14 mΩ	R <sub>DC</sub> : 1.1 mΩ	R <sub>DC</sub> : 1.8 mΩ	R <sub>DC</sub> : 2.6 mΩ	R <sub>DC</sub> : 3.4 mΩ	R <sub>DC</sub> : 3.9 mΩ	
3168				4248			
<b>744 914 117</b>	<b>744 914 122</b>	<b>744 914 128</b>	<b>744 914 135</b>	<b>744 914 143</b>	<b>744 912 122</b>	<b>744 912 127</b>	
L: 17.5 nH	L: 22 nH	L: 28 nH	L: 35.5 nH	L: 43 nH	L: 22 nH	L: 27 nH	
Q <sub>min</sub> : 100	Q <sub>min</sub> : 102	Q <sub>min</sub> : 105	Q <sub>min</sub> : 112	Q <sub>min</sub> : 106	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	
SRF <sub>min</sub> : 2.2 GHz	SRF <sub>min</sub> : 2.1 GHz	SRF <sub>min</sub> : 1.8 GHz	SRF <sub>min</sub> : 1.5 GHz	SRF <sub>min</sub> : 1.2 GHz	SRF <sub>min</sub> : 3.2 GHz	SRF <sub>min</sub> : 2.7 GHz	
R <sub>DC</sub> : 4.5 mΩ	R <sub>DC</sub> : 5.2 mΩ	R <sub>DC</sub> : 6 mΩ	R <sub>DC</sub> : 6.8 mΩ	R <sub>DC</sub> : 7.9 mΩ	R <sub>DC</sub> : 4.2 mΩ	R <sub>DC</sub> : 4 mΩ	
4248							
<b>744 912 133</b>	<b>744 912 139</b>	<b>744 912 147</b>	<b>744 912 156</b>	<b>744 912 168</b>	<b>744 912 182</b>	<b>744 912 210</b>	
L: 33 nH	L: 39 nH	L: 47 nH	L: 56 nH	L: 56 nH	L: 82 nH	L: 100 nH	
Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	Q <sub>min</sub> : 100	
SRF <sub>min</sub> : 2.5 GHz	SRF <sub>min</sub> : 2.1 GHz	SRF <sub>min</sub> : 2.1 GHz	SRF <sub>min</sub> : 1.5 GHz	SRF <sub>min</sub> : 1.5 GHz	SRF <sub>min</sub> : 1.3 GHz	SRF <sub>min</sub> : 1.2 GHz	
R <sub>DC</sub> : 4.8 mΩ	R <sub>DC</sub> : 4.4 mΩ	R <sub>DC</sub> : 5.6 mΩ	R <sub>DC</sub> : 6.2 mΩ	R <sub>DC</sub> : 8.2 mΩ	R <sub>DC</sub> : 9.4 mΩ	R <sub>DC</sub> : 12.3 mΩ	
4248							
<b>744 912 212</b>							
L: 120 nH							
Q <sub>min</sub> : 100							
SRF <sub>min</sub> : 1.1 GHz							
R <sub>DC</sub> : 17.3 mΩ							

EMC COMPONENTS | **INDUCTORS** | TRANSFORMERS | **RF COMPONENTS** | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | LEDs | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | REDCUBE TERMINALS | CAPACITORS

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