

DESIGN KIT

WE-DD SMD Coupled Inductors – SEPIC, CUK, BUCK-BOOST



SIZE:

S / M / L / XL / XXL

TECHNICAL DATA:

L: 1.3 ~ 220 μ H

DCR: 19 ~ 540 m Ω

I_{sat}: 0.8 ~ 4.87 A

Order Code 744 870

Version 1.0

WE-DD

SMD Coupled Inductors – SEPIC, CUK, BUCK-BOOST



S	744 878 001	744 878 004	744 871 004	744 874 004	744 870 004	744 873 004	XL	744 870 221
	L: 1.3 μ H	L: 4.7 μ H	L: 4.7 μ H	L: 4.7 μ H	L: 4.7 μ H	L: 4.7 μ H		L: 220 μ H
	DCR: 27 m Ω	DCR: 65 m Ω	DCR: 23 m Ω	DCR: 23 m Ω	DCR: 25 m Ω	DCR: 19 m Ω		DCR: 530 m Ω
	I_{R^*} : 4.4 A	I_{R^*} : 1.3 A	I_{R^*} : 3 A	I_{R^*} : 4.22 A	I_{R^*} : 3.6 A	I_{R^*} : 4.87 A		I_{sat} : 0.9 A
	744 878 002	744 878 100	744 871 100	744 874 100	744 870 100	744 873 100		744 873 221
	L: 2.4 μ H	L: 10 μ H	L: 10 μ H	L: 10 μ H	L: 10 μ H	L: 10 μ H		L: 220 μ H
DCR: 42 m Ω	DCR: 125 m Ω	DCR: 44 m Ω	DCR: 38 m Ω	DCR: 38 m Ω	DCR: 31 m Ω	DCR: 540 m Ω		
I_{R^*} : 3.6 A	I_{R^*} : 1 A	I_{R^*} : 2 A	I_{R^*} : 3.28 A	I_{R^*} : 2.7 A	I_{R^*} : 3.81 A	I_{sat} : 0.91 A		
M	744 877 001	744 877 004	744 871 220	744 874 220	744 870 220	744 873 220	XXL	744 870 910 0
	L: 1.8 μ H	L: 4.7 μ H	L: 22 μ H	L: 22 μ H	L: 22 μ H	L: 22 μ H		L: 10 μ H
	DCR: 25 m Ω	DCR: 52 m Ω	DCR: 67 m Ω	DCR: 67 m Ω	DCR: 62 m Ω	DCR: 58 m Ω		DCR: 33 m Ω
	I_{R^*} : 4.7 A	I_{R^*} : 1.55 A	I_{R^*} : 1.85 A	I_{R^*} : 2.47 A	I_{R^*} : 2.45 A	I_{R^*} : 2.79 A		I_{sat} : 3.2 A
	744 877 002	744 877 100	744 871 470	744 874 470	744 870 470	744 873 470		744 870 922 0
	L: 2.4 μ H	L: 10 μ H	L: 47 μ H	L: 47 μ H	L: 47 μ H	L: 47 μ H		L: 22 μ H
DCR: 31 m Ω	DCR: 110 m Ω	DCR: 145 m Ω	DCR: 130 m Ω	DCR: 125 m Ω	DCR: 110 m Ω	DCR: 64 m Ω		
I_{R^*} : 4.2 A	I_{R^*} : 1.1 A	I_{R^*} : 1.1 A	I_{R^*} : 1.8 A	I_{R^*} : 1.45 A	I_{R^*} : 2.02 A	I_{sat} : 3.5 A		
744 877 003	744 877 220	744 871 101	744 874 101	744 870 101	744 873 101	744 870 933 0		
L: 3.3 μ H	L: 22 μ H	L: 100 μ H	L: 100 μ H	L: 100 μ H	L: 100 μ H	L: 33 μ H		
DCR: 40 m Ω	DCR: 215 m Ω	DCR: 293 m Ω	DCR: 285 m Ω	DCR: 230 m Ω	DCR: 235 m Ω	DCR: 80 m Ω		
I_{R^*} : 3.7 A	I_{R^*} : 0.8 A	I_{R^*} : 1.5 A	I_{R^*} : 1.2 A	I_{R^*} : 1.4 A	I_{R^*} : 1.38 A	I_{sat} : 2 A		

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