

DESIGN KIT

WE-PD SMD Shielded Power Inductor

**SIZE:**

7345 / 1260

TECHNICAL DATA:

L: 1 ~ 68 μ H
DCR: 4 ~ 239 m Ω
 I_{R^*} : 0.87 ~ 10.5 A
 I_{sat}^* : 0.95 ~ 12.5 A

Order Code 744 777**Version 1.0**

WE-PD SMD Shielded Power Inductor



7345	744 777 900 1	744 777 900 15	744 777 900 2	7345	744 777 900 3	744 771 003	744 771 004	744 771 006
	L: 1 μ H	L: 1.5 μ H	L: 2.2 μ H		L: 3.3 μ H	L: 3.5 μ H	L: 4.7 μ H	L: 6.8 μ H
	DCR: 10 m Ω	DCR: 15 m Ω	DCR: 16 m Ω		DCR: 26 m Ω	DCR: 5 m Ω	DCR: 8 m Ω	DCR: 14 m Ω
	I_{R^*} : 5.3 A	I_{R^*} : 4.3 A	I_{R^*} : 4.2 A		I_{R^*} : 3.3 A	I_{R^*} : 9.25 A	I_{R^*} : 8.25 A	I_{R^*} : 6.25 A
	I_{sat} : 9.5 A	I_{sat} : 7.3 A	I_{sat} : 6 A		I_{sat} : 4.5 A	I_{sat} : 9 A	I_{sat} : 8 A	I_{sat} : 6.4 A
	744 777 900 4	744 777 900 6	744 777 900 8		744 777 910	744 771 008	744 771 10	744 771 112
	L: 4.7 μ H	L: 6.8 μ H	L: 8.2 μ H		L: 10 μ H	L: 8.2 μ H	L: 10 μ H	L: 12 μ H
	DCR: 28 m Ω	DCR: 33 m Ω	DCR: 47 m Ω		DCR: 45 m Ω	DCR: 14 m Ω	DCR: 18 m Ω	DCR: 23 m Ω
	I_{R^*} : 3.16 A	I_{R^*} : 2.91 A	I_{R^*} : 2.7 A		I_{R^*} : 2 A	I_{R^*} : 6.25 A	I_{R^*} : 5 A	I_{R^*} : 3.91 A
	I_{sat} : 4.4 A	I_{sat} : 3.3 A	I_{sat} : 3 A		I_{sat} : 2.6 A	I_{sat} : 6.25 A	I_{sat} : 5.5 A	I_{sat} : 4.85 A
	744 777 911 2	744 777 911 5	744 777 911 8		744 777 912 2	744 771 115	744 771 118	744 771 122
	L: 12 μ H	L: 15 μ H	L: 18 μ H		L: 22 μ H	L: 15 μ H	L: 18 μ H	L: 22 μ H
DCR: 50 m Ω	DCR: 70 m Ω	DCR: 80 m Ω	DCR: 90 m Ω	DCR: 25 m Ω	DCR: 29 m Ω	DCR: 31 m Ω		
I_{R^*} : 1.82 A	I_{R^*} : 1.6 A	I_{R^*} : 1.5 A	I_{R^*} : 1.41 A	I_{R^*} : 3.75 A	I_{R^*} : 3.48 A	I_{R^*} : 3.37 A		
I_{sat} : 2.4 A	I_{sat} : 2.2 A	I_{sat} : 2.05 A	I_{sat} : 1.7 A	I_{sat} : 4.55 A	I_{sat} : 4.3 A	I_{sat} : 3.77 A		
744 777 912 7	744 777 913 3	744 777 913 9	744 771 001	744 771 127	744 771 133	744 771 139		
L: 27 μ H	L: 33 μ H	L: 39 μ H	L: 1.5 μ H	L: 27 μ H	L: 33 μ H	L: 39 μ H		
DCR: 120 m Ω	DCR: 140 m Ω	DCR: 145 m Ω	DCR: 4 m Ω	DCR: 40 m Ω	DCR: 49 m Ω	DCR: 57 m Ω		
I_{R^*} : 1.24 A	I_{R^*} : 1.13 A	I_{R^*} : 1.11 A	I_{R^*} : 10.5 A	I_{R^*} : 2.97 A	I_{R^*} : 2.68 A	I_{R^*} : 2.49 A		
I_{sat} : 1.55 A	I_{sat} : 1.4 A	I_{sat} : 1.23 A	I_{sat} : 12.5 A	I_{sat} : 3.55 A	I_{sat} : 3 A	I_{sat} : 2.74 A		
744 777 914 7	744 777 915 6	744 777 916 8	744 771 002	744 771 147	744 771 156	744 771 168		
L: 47 μ H	L: 56 μ H	L: 68 μ H	L: 2.2 μ H	L: 47 μ H	L: 56 μ H	L: 68 μ H		
DCR: 190 m Ω	DCR: 228 m Ω	DCR: 239 m Ω	DCR: 5 m Ω	DCR: 72 m Ω	DCR: 87 m Ω	DCR: 96 m Ω		
I_{R^*} : 1.03 A	I_{R^*} : 0.93 A	I_{R^*} : 0.87 A	I_{R^*} : 10 A	I_{R^*} : 2.21 A	I_{R^*} : 2.01 A	I_{R^*} : 1.91 A		
I_{sat} : 1.1 A	I_{sat} : 1.05 A	I_{sat} : 0.95 A	I_{sat} : 11 A	I_{sat} : 2.6 A	I_{sat} : 2.35 A	I_{sat} : 2.19 A		
1260				1260				

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