



DESIGN KIT

WE-PD2 SMD Power Inductor



SIZE:

7850 / 1045

TECHNICAL DATA:

L: 10 ~ 820 μ H
R_{DC}: 28 ~ 1420 m Ω
I_R: 0.32 ~ 2.98 A
I_{sat}: 0.38 ~ 3.24 A

Order Code 744 775

Version 1.0

WE-PD2 SMD Power Inductor



7850	744 775 10	744 775 112	744 775 115	744 775 118	7850	744 775 122	744 775 127	744 775 133	
	L: 10 μ H	L: 12 μ H	L: 15 μ H	L: 18 μ H		L: 22 μ H	L: 27 μ H	L: 33 μ H	
	R _{DC} : 44 m Ω	R _{DC} : 42 m Ω	R _{DC} : 44 m Ω	R _{DC} : 53 m Ω		R _{DC} : 65 m Ω	R _{DC} : 74 m Ω	R _{DC} : 130 m Ω	
	I _R : 2.3 A	I _R : 2.18 A	I _R : 1.93 A	I _R : 1.89 A		I _R : 1.76 A	I _R : 1.48 A	I _R : 1.35 A	
	I _{sat} : 2.95 A	I _{sat} : 2.2 A	I _{sat} : 2.23 A	I _{sat} : 2.14 A		I _{sat} : 1.81 A	I _{sat} : 1.62 A	I _{sat} : 1.47 A	
	744 775 147	744 775 156	744 775 168	744 775 182		744 775 20	744 775 215	744 775 218	
	L: 47 μ H	L: 56 μ H	L: 68 μ H	L: 82 μ H		L: 100 μ H	L: 150 μ H	L: 180 μ H	
	R _{DC} : 134 m Ω	R _{DC} : 189 m Ω	R _{DC} : 218 m Ω	R _{DC} : 248 m Ω		R _{DC} : 208 m Ω	R _{DC} : 467 m Ω	R _{DC} : 574 m Ω	
	I _R : 1.17 A	I _R : 1.04 A	I _R : 0.99 A	I _R : 0.9 A		I _R : 0.77 A	I _R : 0.6 A	I _R : 0.55 A	
	I _{sat} : 1.24 A	I _{sat} : 1.14 A	I _{sat} : 1.05 A	I _{sat} : 0.95 A		I _{sat} : 0.86 A	I _{sat} : 0.71 A	I _{sat} : 0.57 A	
	744 775 222	744 775 227	744 775 233	744 775 247		1045	744 776 10	744 776 118	744 776 122
	L: 220 μ H	L: 270 μ H	L: 330 μ H	L: 470 μ H			L: 10 μ H	L: 18 μ H	L: 22 μ H
R _{DC} : 614 m Ω	R _{DC} : 699 m Ω	R _{DC} : 810 m Ω	R _{DC} : 1370 m Ω	R _{DC} : 28 m Ω	R _{DC} : 43 m Ω		R _{DC} : 51 m Ω		
I _R : 0.51 A	I _R : 0.47 A	I _R : 0.43 A	I _R : 0.36 A	I _R : 2.98 A	I _R : 2.36 A		I _R : 2.04 A		
I _{sat} : 0.56 A	I _{sat} : 0.51 A	I _{sat} : 0.48 A	I _{sat} : 0.38 A	I _{sat} : 3.24 A	I _{sat} : 2.43 A		I _{sat} : 2.07 A		
744 776 127	744 776 133	744 776 147	744 776 168	744 776 182	744 776 20		744 776 212		
L: 27 μ H	L: 33 μ H	L: 47 μ H	L: 68 μ H	L: 82 μ H	L: 100 μ H		L: 120 μ H		
R _{DC} : 63 m Ω	R _{DC} : 83 m Ω	R _{DC} : 95 m Ω	R _{DC} : 136 m Ω	R _{DC} : 150 m Ω	R _{DC} : 200 m Ω		R _{DC} : 243 m Ω		
I _R : 1.95 A	I _R : 1.78 A	I _R : 1.45 A	I _R : 1.19 A	I _R : 1.11 A	I _R : 1.02 A		I _R : 0.94 A		
I _{sat} : 1.98 A	I _{sat} : 1.89 A	I _{sat} : 1.62 A	I _{sat} : 1.49 A	I _{sat} : 1.17 A	I _{sat} : 1.1 A		I _{sat} : 0.99 A		
744 776 215	744 776 218	744 776 222	744 776 233	744 776 247	744 776 268		744 776 282		
L: 150 μ H	L: 180 μ H	L: 220 μ H	L: 330 μ H	L: 470 μ H	L: 680 μ H		L: 820 μ H		
R _{DC} : 300 m Ω	R _{DC} : 320 m Ω	R _{DC} : 451 m Ω	R _{DC} : 750 m Ω	R _{DC} : 969 m Ω	R _{DC} : 1245 m Ω	R _{DC} : 1420 m Ω			
I _R : 0.81 A	I _R : 0.76 A	I _R : 0.67 A	I _R : 0.52 A	I _R : 0.44 A	I _R : 0.36 A	I _R : 0.32 A			
I _{sat} : 0.9 A	I _{sat} : 0.78 A	I _{sat} : 0.77 A	I _{sat} : 0.59 A	I _{sat} : 0.5 A	I _{sat} : 0.43 A	I _{sat} : 0.41 A			

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