

DESIGN KIT

WE-LHMI – SMD Low Profile High Current Molded Inductor



SIZE:

1040 / 1335

TECHNICAL DATA:

L: 0.22 – 47.0 μ H
 I_R : 2.20 – 25.0 A
 I_{sat} : 4.50 – 70.0 A
 $R_{DC typ}$: 0.75 – 145 m Ω

Order Code 744 373 6

Version 2.0

WE-LHMI

SMD Low Profile High Current Molded Inductor



1040	744 373 680 022	744 373 680 036	744 373 680 039	744 373 680 045	744 373 680 056	744 373 680 10	744 373 680 22
	L: 0.22 μ H	L: 0.36 μ H	L: 0.39 μ H	L: 0.45 μ H	L: 0.56 μ H	L: 0.68 μ H	L: 1.0 μ H
	I _R : 24.0 A	I _R : 21.0 A	I _R : 20.5 A	I _R : 20.0 A	I _R : 19.0 A	I _R : 16.0 A	I _R : 14.5 A
	I _{sat} : 70.0 A	I _{sat} : 64.0 A	I _{sat} : 63.0 A	I _{sat} : 50.0 A	I _{sat} : 44.0 A	I _{sat} : 42.0 A	I _{sat} : 36.0 A
	R _{DC typ} : 0.8 m Ω	R _{DC typ} : 1.05 m Ω	R _{DC typ} : 1.1 m Ω	R _{DC typ} : 1.3 m Ω	R _{DC typ} : 1.6 m Ω	R _{DC typ} : 2.4 m Ω	R _{DC typ} : 3.0 m Ω
	744 373 680 33	744 373 680 39	744 373 680 47	744 373 680 68	744 373 681 00	744 373 681 00	744 373 681 50
	L: 2.2 μ H	L: 3.3 μ H	L: 3.9 μ H	L: 4.7 μ H	L: 6.8 μ H	L: 10.0 μ H	L: 15.0 μ H
	I _R : 10.0 A	I _R : 8.0 A	I _R : 7.5 A	I _R : 7.0 A	I _R : 6.0 A	I _R : 5.2 A	I _R : 4.1 A
	I _{sat} : 28.0 A	I _{sat} : 23.0 A	I _{sat} : 19.5 A	I _{sat} : 19.0 A	I _{sat} : 14.0 A	I _{sat} : 12.5 A	I _{sat} : 8.5 A
R _{DC typ} : 6.5 m Ω	R _{DC typ} : 10.8 m Ω	R _{DC typ} : 12.6 m Ω	R _{DC typ} : 15.0 m Ω	R _{DC typ} : 17.5 m Ω	R _{DC typ} : 27.0 m Ω	R _{DC typ} : 40.0 m Ω	
744 373 682 20	744 373 683 30	744 373 684 70					
L: 22.0 μ H	L: 33.0 μ H	L: 47.0 μ H					
I _R : 3.5 A	I _R : 2.6 A	I _R : 2.2 A					
I _{sat} : 8.0 A	I _{sat} : 5.0 A	I _{sat} : 4.5 A					
R _{DC typ} : 64.0 m Ω	R _{DC typ} : 92.0 m Ω	R _{DC typ} : 145.0 m Ω					
1335	744 373 770 022	744 373 770 033	744 373 770 047	744 373 770 056	744 373 770 068	744 373 770 10	744 373 770 15
	L: 0.22 μ H	L: 0.33 μ H	L: 0.47 μ H	L: 0.56 μ H	L: 0.68 μ H	L: 1.0 μ H	L: 1.50 μ H
	I _R : 25.0 A	I _R : 24.0 A	I _R : 19.0 A	I _R : 18.5 A	I _R : 17.5 A	I _R : 15.0 A	I _R : 12.5 A
	I _{sat} : 40.0 A	I _{sat} : 35.0 A	I _{sat} : 29.0 A	I _{sat} : 28.0 A	I _{sat} : 27.0 A	I _{sat} : 26.0 A	I _{sat} : 25.5 A
	R _{DC typ} : 0.75 m Ω	R _{DC typ} : 0.88 m Ω	R _{DC typ} : 1.32 m Ω	R _{DC typ} : 1.40 m Ω	R _{DC typ} : 1.80 m Ω	R _{DC typ} : 2.70 m Ω	R _{DC typ} : 4.70 m Ω
	744 373 770 22	744 373 770 33	744 373 770 47				
	L: 2.20 μ H	L: 3.30 μ H	L: 4.70 μ H				
	I _R : 10.0 A	I _R : 9.5 A	I _R : 7.5 A				
	I _{sat} : 25.0 A	I _{sat} : 24.5 A	I _{sat} : 18.0 A				
R _{DC typ} : 7.20 m Ω	R _{DC typ} : 9.0 m Ω	R _{DC typ} : 13.0 m Ω					

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