

DESIGN KIT

WE-LHMI – SMD Low Profile High Current Molded Inductor



SIZE:

7030 / 7050

TECHNICAL DATA:

L: 0.22 – 68.0 μ H
 I_R : 1.25 – 15.0 A
 I_{sat} : 2.45 – 44.0 A
 R_{DC} : 2.10 – 386 m Ω

Order Code 744 373 4

Version 2.0

WE-LHMI

SMD Low Profile High Current Molded Inductor



7030	744 373 460 022	744 373 460 033	744 373 460 047	744 373 460 068	744 373 460 082	744 373 460 10	744 373 460 15	
	L: 0.22 μ H	L: 0.33 μ H	L: 0.47 μ H	L: 0.68 μ H	L: 0.82 μ H	L: 1.0 μ H	L: 1.5 μ H	
	I _R : 15.0 A	I _R : 13.0 A	I _R : 11.5 A	I _R : 11.0 A	I _R : 9.0 A	I _R : 8.0 A	I _R : 7.2 A	
	I _{sat} : 44.0 A	I _{sat} : 38.0 A	I _{sat} : 31.0 A	I _{sat} : 25.0 A	I _{sat} : 24.0 A	I _{sat} : 22.0 A	I _{sat} : 19.0 A	
	R _{DC typ} : 2.1 m Ω	R _{DC typ} : 3.5 m Ω	R _{DC typ} : 4.0 m Ω	R _{DC typ} : 4.8 m Ω	R _{DC typ} : 6.7 m Ω	R _{DC typ} : 8.3 m Ω	R _{DC typ} : 13.0 m Ω	
	744 373 460 22	744 373 460 33	744 373 460 47	744 373 460 56	744 373 460 68	744 373 460 82	744 373 461 00	
L: 2.20 μ H	L: 3.30 μ H	L: 4.70 μ H	L: 5.60 μ H	L: 6.80 μ H	L: 8.20 μ H	L: 10.00 μ H	L: 10.00 μ H	
I _R : 6.5 A	I _R : 5.0 A	I _R : 3.8 A	I _R : 3.6 A	I _R : 3.4 A	I _R : 3.25 A	I _R : 3.0 A	I _R : 3.0 A	
I _{sat} : 15.0 A	I _{sat} : 13.5 A	I _{sat} : 12.0 A	I _{sat} : 9.0 A	I _{sat} : 8.0 A	I _{sat} : 7.5 A	I _{sat} : 7.3 A	I _{sat} : 7.3 A	
R _{DC typ} : 18.0 m Ω	R _{DC typ} : 28.0 m Ω	R _{DC typ} : 37.0 m Ω	R _{DC typ} : 43.0 m Ω	R _{DC typ} : 54.0 m Ω	R _{DC typ} : 64.0 m Ω	R _{DC typ} : 75.0 m Ω	R _{DC typ} : 75.0 m Ω	
	744 373 462 20	7050	744 373 490 047	744 373 490 056	744 373 490 068	744 373 490 082	744 373 490 10	744 373 490 12
L: 22.00 μ H	L: 0.47 μ H		L: 0.56 μ H	L: 0.68 μ H	L: 0.82 μ H	L: 1.00 μ H	L: 1.00 μ H	L: 1.20 μ H
I _R : 1.9 A	I _R : 13.5 A		I _R : 13.0 A	I _R : 12.0 A	I _R : 11.25 A	I _R : 10.0 A	I _R : 10.0 A	I _R : 9.0 A
I _{sat} : 4.5 A	I _{sat} : 30.0 A		I _{sat} : 28.0 A	I _{sat} : 26.0 A	I _{sat} : 25.0 A	I _{sat} : 19.5 A	I _{sat} : 19.5 A	I _{sat} : 18.0 A
R _{DC typ} : 165 m Ω	R _{DC typ} : 3.5 m Ω		R _{DC typ} : 3.6 m Ω	R _{DC typ} : 4.0 m Ω	R _{DC typ} : 4.6 m Ω	R _{DC typ} : 6.1 m Ω	R _{DC typ} : 6.1 m Ω	R _{DC typ} : 7.2 m Ω
	744 373 490 15	744 373 490 22	744 373 490 33	744 373 490 47	744 373 490 56	744 373 490 68	744 373 490 82	744 373 490 82
L: 1.50 μ H	L: 2.20 μ H	L: 3.30 μ H	L: 4.70 μ H	L: 5.60 μ H	L: 6.80 μ H	L: 8.20 μ H	L: 10.00 μ H	L: 10.00 μ H
I _R : 8.0 A	I _R : 7.5 A	I _R : 6.0 A	I _R : 5.0 A	I _R : 3.75 A	I _R : 3.5 A	I _R : 3.5 A	I _R : 3.3 A	I _R : 3.3 A
I _{sat} : 14.5 A	I _{sat} : 14.0 A	I _{sat} : 12.0 A	I _{sat} : 11.0 A	I _{sat} : 10.5 A	I _{sat} : 9.5 A	I _{sat} : 9.5 A	I _{sat} : 9.0 A	I _{sat} : 9.0 A
R _{DC typ} : 8.6 m Ω	R _{DC typ} : 11.2 m Ω	R _{DC typ} : 19.0 m Ω	R _{DC typ} : 28.0 m Ω	R _{DC typ} : 44.0 m Ω	R _{DC typ} : 46.0 m Ω	R _{DC typ} : 46.0 m Ω	R _{DC typ} : 56.0 m Ω	R _{DC typ} : 56.0 m Ω
	744 373 491 00	744 373 491 50	744 373 492 20	744 373 493 30	744 373 494 70	744 373 495 60	744 373 496 80	744 373 496 80
L: 10.00 μ H	L: 15.00 μ H	L: 22.00 μ H	L: 33.00 μ H	L: 47.00 μ H	L: 56.00 μ H	L: 68.00 μ H	L: 82.00 μ H	L: 82.00 μ H
I _R : 3.2 A	I _R : 2.75 A	I _R : 2.1 A	I _R : 1.9 A	I _R : 1.45 A	I _R : 1.40 A	I _R : 1.40 A	I _R : 1.25 A	I _R : 1.25 A
I _{sat} : 8.0 A	I _{sat} : 5.5 A	I _{sat} : 6.5 A	I _{sat} : 3.5 A	I _{sat} : 2.45 A	I _{sat} : 2.0 A	I _{sat} : 2.0 A	I _{sat} : 2.5 A	I _{sat} : 2.5 A
R _{DC typ} : 65.0 m Ω	R _{DC typ} : 81.0 m Ω	R _{DC typ} : 140.0 m Ω	R _{DC typ} : 173.0 m Ω	R _{DC typ} : 290.0 m Ω	R _{DC typ} : 342.0 m Ω	R _{DC typ} : 342.0 m Ω	R _{DC typ} : 386.0 m Ω	R _{DC typ} : 386.0 m Ω

EMC COMPONENTS | **INDUCTORS** | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | POWER ELEMENTS

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