



DESIGN KIT

WE-LHMI – SMD Low Profile High Current Molded Inductor



SIZE:

5020 / 5030

TECHNICAL DATA:

L: 0.33 – 10 μ H

I_R : 1.8 – 10.6 A

I_{sat} : 4.0 – 22.5 A

$R_{DC typ}$: 4.3 – 180 m Ω

Order Code 744 373 5
Version 1.0

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WE-LHMI – SMD Low Profile High Current Molded Inductor



5020	744 373 340 033	744 373 340 047	744 373 340 068	744 373 340 10	744 373 340 12	744 373 340 15
	L: 0.33 μ H	L: 0.47 μ H	L: 0.68 μ H	L: 1.0 μ H	L: 1.2 μ H	L: 1.5 μ H
	I_{R1} : 9.0 A	I_{R1} : 7.5 A	I_{R1} : 6.8 A	I_{R1} : 5.3 A	I_{R1} : 5.2 A	I_{R1} : 5.1 A
	I_{sat} : 22.0 A	I_{sat} : 15.0 A	I_{sat} : 14.5 A	I_{sat} : 13.9 A	I_{sat} : 11.3 A	I_{sat} : 10.0 A
	$R_{DC typ}$: 6.3 m Ω	$R_{DC typ}$: 7.3 m Ω	$R_{DC typ}$: 11.0 m Ω	$R_{DC typ}$: 17.5 m Ω	$R_{DC typ}$: 23.0 m Ω	$R_{DC typ}$: 26.5 m Ω
	744 373 340 22	744 373 340 33	744 373 340 47	744 373 340 56	744 373 340 68	744 373 340 82
	L: 2.2 μ H	L: 3.3 μ H	L: 4.7 μ H	L: 5.6 μ H	L: 6.8 μ H	L: 8.2 μ H
	I_{R1} : 3.5 A	I_{R1} : 2.9 A	I_{R1} : 2.5 A	I_{R1} : 2.1 A	I_{R1} : 2.0 A	I_{R1} : 1.9 A
	I_{sat} : 9.4 A	I_{sat} : 7.7 A	I_{sat} : 6.0 A	I_{sat} : 5.5 A	I_{sat} : 4.6 A	I_{sat} : 4.5 A
	$R_{DC typ}$: 42.0 m Ω	$R_{DC typ}$: 66.0 m Ω	$R_{DC typ}$: 103 m Ω	$R_{DC typ}$: 112 m Ω	$R_{DC typ}$: 130 m Ω	$R_{DC typ}$: 148 m Ω
744 373 341 00						
L: 10.0 μ H						
I_{R1} : 1.8 A						
I_{sat} : 4.0 A						
$R_{DC typ}$: 180 m Ω						
5030	744 373 360 033	744 373 360 047	744 373 360 068	744 373 360 10	744 373 360 12	744 373 360 15
	L: 0.33 μ H	L: 0.47 μ H	L: 0.68 μ H	L: 1.0 μ H	L: 1.2 μ H	L: 1.5 μ H
	I_{R1} : 10.6 A	I_{R1} : 9.2 A	I_{R1} : 8.0 A	I_{R1} : 7.3 A	I_{R1} : 6.5 A	I_{R1} : 5.6 A
	I_{sat} : 22.5 A	I_{sat} : 16.5 A	I_{sat} : 15.0 A	I_{sat} : 11.2 A	I_{sat} : 11.1 A	I_{sat} : 11.0 A
	$R_{DC typ}$: 4.3 m Ω	$R_{DC typ}$: 6.4 m Ω	$R_{DC typ}$: 10.0 m Ω	$R_{DC typ}$: 13.0 m Ω	$R_{DC typ}$: 14.0 m Ω	$R_{DC typ}$: 16.0 m Ω
	744 373 360 22	744 373 360 33	744 373 360 47	744 373 360 56	744 373 360 68	744 373 361 00
	L: 2.2 μ H	L: 3.3 μ H	L: 4.7 μ H	L: 5.6 μ H	L: 6.8 μ H	L: 10.0 μ H
	I_{R1} : 4.9 A	I_{R1} : 4.1 A	I_{R1} : 3.9 A	I_{R1} : 3.3 A	I_{R1} : 2.6 A	I_{R1} : 2.4 A
	I_{sat} : 10.8 A	I_{sat} : 8.4 A	I_{sat} : 5.9 A	I_{sat} : 5.7 A	I_{sat} : 4.5 A	I_{sat} : 4.2 A
	$R_{DC typ}$: 25.0 m Ω	$R_{DC typ}$: 32.0 m Ω	$R_{DC typ}$: 50.0 m Ω	$R_{DC typ}$: 55.0 m Ω	$R_{DC typ}$: 68.0 m Ω	$R_{DC typ}$: 110 m Ω

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Please check datasheets on www.we-online.com for specifications.
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