

DESIGN KIT

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_{RMS} : 22.0 A	I_{RMS} : 15.0 A	I_{RMS} : 14.5 A	I_{RMS} : 13.9 A	I_{RMS} : 11.3 A	I_{RMS} : 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_{RMS} : 9.4 A	I_{RMS} : 7.7 A	I_{RMS} : 6.0 A	I_{RMS} : 5.5 A	I_{RMS} : 4.6 A	I_{RMS} : 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_{RMS} : 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_{RMS} : 22.5 A	I_{RMS} : 16.5 A	I_{RMS} : 15.0 A	I_{RMS} : 11.2 A	I_{RMS} : 11.1 A	I_{RMS} : 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_{RMS} : 10.8 A	I_{RMS} : 8.4 A	I_{RMS} : 5.9 A	I_{RMS} : 5.7 A	I_{RMS} : 4.5 A	I_{RMS} : 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

Important information: Würth Elektronik's design kits contain reference components. These components correspond with the current product development status on the day of supply. Exchange of the reference components to components with up-to-date product development status is not carried out automatically. No liability is taken for the use of these reference components. Therefore, please request new samples prior to releases for series production and product release.

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