

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

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

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Please check datasheets on www.we-online.com for specifications. Würth Elektronik eiSos GmbH & Co. KG, EMC & Inductive Solutions. © 2014

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