

DESIGN KIT

WE-CHSA SMD High Current Inductor



8090						
784 334 003 3	784 334 004 7	784 334 006 8	784 334 010 0	784 334 022 0	784 334 033 0	784 334 047 0
L: 0.33 μH	L: 0.47 μH	L: 0.68 μH	L: 1 μH	L: 2.2 μH	L: 3.3 μH	L: 4.7 μH
R _{DC} : 1.75 mΩ	R _{DC} : 2.3 mΩ	R _{DC} : 3.45 mΩ	R _{DC} : 4.9 mΩ	R _{DC} : 10 mΩ	R _{DC} : 15.35 mΩ	R _{DC} : 24.1 mΩ
I _R : 21 A	I _R : 19 A	I _R : 15.6 A	I _R : 12.8 A	I _R : 8.4 A	I _R : 6.8 A	I _R : 5 A
I _{SAT} : 36 A	I _{SAT} : 29.7 A	I _{SAT} : 24.8 A	I _{SAT} : 21.3 A	I _{SAT} : 14.7 A	I _{SAT} : 12.3 A	I _{SAT} : 9.6 A
1011						
784 333 003 3	784 333 005 6	784 333 010 0	784 333 018 0	784 333 033 0	784 333 039 0	784 333 056 0
L: 0.33 μH	L: 0.56 μH	L: 1 μH	L: 1.8 μH	L: 3.3 μH	L: 3.9 μH	L: 5.6 μH
R _{DC} : 1.4 mΩ	R _{DC} : 1.7 mΩ	R _{DC} : 2.4 mΩ	R _{DC} : 3.9 mΩ	R _{DC} : 5.4 mΩ	R _{DC} : 7.25 mΩ	R _{DC} : 10.85 mΩ
I _R : 26 A	I _R : 23.5 A	I _R : 20.3 A	I _R : 16 A	I _R : 13.8 A	I _R : 11.2 A	I _R : 9.2 A
I _{SAT} : 54.5 A	I _{SAT} : 43.4 A	I _{SAT} : 34.8 A	I _{SAT} : 25.9 A	I _{SAT} : 20.5 A	I _{SAT} : 17.8 A	I _{SAT} : 14.9 A
1011						
784 333 082 0	784 333 100 0	784 333 120 0	784 333 180 0	784 333 200 0		
L: 8.2 μH	L: 10 μH	L: 12 μ H	L: 18 μH	L: 20 μH		
R _{DC} : 15.9 mΩ	R _{DC} : 21.5 mΩ	R _{DC} : 27.7 mΩ	R _{DC} : 34.25 mΩ	R _{DC} : 50.80 mΩ		
I _R : 7.2 A	I _R : 6.7 A	I _R : 5.6 A	I _R : 5.1 A	I _R : 4.3 A		
I _{SAT} : 12.8 A	I _{SAT} : 10.7 A	I _{SAT} : 9.1 A	I _{SAT} : 8.5 A	I _{SAT} : 7.0 A		
1212						
784 332 003 9	784 332 006 8	784 332 010 0	784 332 015 0	784 332 027 0	784 332 033 0	784 332 047 0
L: 0.39 μH	L: 0.68 μH	L: 1 μH	L: 1.5 μH	L: 2.7 μH	L: 3.3 μH	L: 4.7 μH
R _{DC} : 1.35 mΩ	R _{DC} : 1.7 mΩ	R _{DC} : 2 mΩ	R _{DC} : 2.7 mΩ	R _{DC} : 3.9 mΩ	R _{DC} : 5.3 mΩ	R _{DC} : 6.85 mΩ
I _R : 28 A	I _R : 25.3 A	I _R : 22.5 A	I _R : 19.7 A	I _R : 16.2 A	I _R : 13.8 A	I _R : 12.2 A
I _{SAT} : 57 A	I _{SAT} : 41.4 A	I _{SAT} : 33.7 A	I _{SAT} : 28.2 A	I _{SAT} : 21.6 A	I _{SAT} : 19 A	I _{SAT} : 15.3 A
1212						
784 332 068 0	784 332 082 0	784 332 100 0	784 332 120 0	784 332 180 0	784 332 200 0	
L: 6.8 μH	L: 8.2 μH	L: 10 μH	L: 12 μH	L: 18 μH	L: 20 μH	
R _{DC} : 9.9 mΩ	R _{DC} : 12.45 mΩ	R _{DC} : 16.95 mΩ	R _{DC} : 17.9 mΩ	R _{DC} : 32 mΩ	R _{DC} : 35.9 mΩ	
I _R : 9.8 A	I _R : 8.8 A	I _R : 7.8 A	I _R : 7.1 A	I _R : 5.5 A	I _R : 5.4 A	
I _{SAT} : 13 A	I _{SAT} : 12.1 A	I _{SAT} : 10.8 A	I _{SAT} : 10.3 A	I _{SAT} : 7.7 A	I _{SAT} : 7 A	

PASSIVE COMPONENTS | OPTOELECTRONIC COMPONENTS | POWER MODULES | ELECTROMECHANICAL COMPONENTS | WIRELESS CONNECTIVITY & SENSORS | **AUTOMOTIVE** | CUSTOM MAGNETICS | CUSTOM CONNECTOR

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. Würth Elektronik eiSos GmbH & Co. KG, EMC & Inductive Solutions. © 2020

www.we-online.com

All products
ex stock!