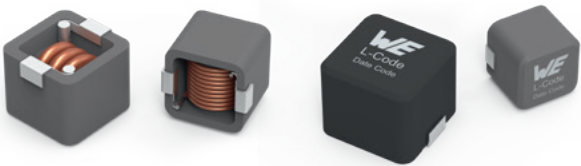


SMT HIGH CURRENT CUBE INDUCTOR

WE-HCC



more details online

8070						
744 334 003 0	744 334 004 7	744 334 006 8	744 334 010 0	744 334 015 0	744 334 022 0	744 334 033 0
L: 0.3 µH	L: 0.47 µH	L: 0.68 µH	L: 1 µH	L: 1.5 µH	L: 2.2 µH	L: 3.3 µH
I _{RP} : 25.5 A	I _{RP} : 22.5 A	I _{RP} : 22.5 A	I _{RP} : 18.8 A	I _{RP} : 14.8 A	I _{RP} : 14.8 A	I _{RP} : 12.3 A
I _{SAT} : 40.3 A	I _{SAT} : 31.3 A	I _{SAT} : 23 A	I _{SAT} : 25.1 A	I _{SAT} : 18.5 A	I _{SAT} : 12.9 A	I _{SAT} : 10.8 A
R _{DC} : 2.3 mΩ	R _{DC} : 2.65 mΩ	R _{DC} : 2.65 mΩ	R _{DC} : 3.6 mΩ	R _{DC} : 5.3 mΩ	R _{DC} : 5.3 mΩ	R _{DC} : 7.5 mΩ
8070			1090			
744 334 047 0	744 334 068 0	744 334 100 0	744 333 003 3	744 333 006 8	744 333 008 2	744 333 010 0
L: 4.7 µH	L: 6.8 µH	L: 10 µH	L: 0.33 µH	L: 0.68 µH	L: 0.82 µH	L: 1 µH
I _{RP} : 8.9 A	I _{RP} : 6.2 A	I _{RP} : 4.4 A	I _{RP} : 35.2 A	I _{RP} : 27.2 A	I _{RP} : 27.2 A	I _{RP} : 27.2 A
I _{SAT} : 9.5 A	I _{SAT} : 8.3 A	I _{SAT} : 8.3 A	I _{SAT} : 59 A	I _{SAT} : 46 A	I _{SAT} : 41.9 A	I _{SAT} : 31.3 A
R _{DC} : 12.7 mΩ	R _{DC} : 25.3 mΩ	R _{DC} : 38.5 mΩ	R _{DC} : 1.4 mΩ	R _{DC} : 2.15 mΩ	R _{DC} : 2.15 mΩ	R _{DC} : 2.15 mΩ
1090					1210 Ferrite	
744 333 022 0	744 333 033 0	744 333 047 0	744 333 068 0	744 333 100 0	744 332 004 7	744 332 010 0
L: 2.2 µH	L: 3.3 µH	L: 4.7 µH	L: 6.8 µH	L: 10 µH	L: 0.47 µH	L: 1 µH
I _{RP} : 17.4 A	I _{RP} : 14.1 A	I _{RP} : 11.3 A	I _{RP} : 8.9 A	I _{RP} : 6.7 A	I _{RP} : 40.2 A	I _{RP} : 34 A
I _{SAT} : 25.6 A	I _{SAT} : 22.8 A	I _{SAT} : 17.9 A	I _{SAT} : 16.6 A	I _{SAT} : 11.7 A	I _{SAT} : 54.7 A	I _{SAT} : 33.5 A
R _{DC} : 4.6 mΩ	R _{DC} : 6.5 mΩ	R _{DC} : 9.4 mΩ	R _{DC} : 14.15 mΩ	R _{DC} : 22.75 mΩ	R _{DC} : 1.35 mΩ	R _{DC} : 1.85 mΩ
1210 Ferrite						
744 332 015 0	744 332 022 0	744 332 033 0	744 332 047 0	744 332 068 0	744 332 082 0	744 332 100 0
L: 1.5 µH	L: 2.2 µH	L: 3.3 µH	L: 4.7 µH	L: 6.8 µH	L: 8.2 µH	L: 10 µH
I _{RP} : 25.7 A	I _{RP} : 21.6 A	I _{RP} : 18.2 A	I _{RP} : 14.9 A	I _{RP} : 12.3 A	I _{RP} : 11.8 A	I _{RP} : 9.6 A
I _{SAT} : 29.1 A	I _{SAT} : 27.2 A	I _{SAT} : 24.7 A	I _{SAT} : 17.1 A	I _{SAT} : 14.2 A	I _{SAT} : 13.5 A	I _{SAT} : 11.3 A
R _{DC} : 2.95 mΩ	R _{DC} : 3.9 mΩ	R _{DC} : 5.2 mΩ	R _{DC} : 7.25 mΩ	R _{DC} : 10.25 mΩ	R _{DC} : 10.6 mΩ	R _{DC} : 15.35 mΩ
1210 Iron Powder						
744 331 002 2	744 331 008 2	744 331 010 0	744 331 015 0	744 331 022 0	744 331 033 0	744 331 047 0
L: 0.22 µH	L: 0.82 µH	L: 1 µH	L: 1.5 µH	L: 2.2 µH	L: 3.3 µH	L: 4.7 µH
I _{RP} : 48.2 A	I _{RP} : 32.5 A	I _{RP} : 32.5 A	I _{RP} : 26.9 A	I _{RP} : 22.4 A	I _{RP} : 15.5 A	I _{RP} : 12.5 A
I _{SAT} : 177.2 A	I _{SAT} : 67.8 A	I _{SAT} : 55.1 A	I _{SAT} : 54.5 A	I _{SAT} : 44 A	I _{SAT} : 38.9 A	I _{SAT} : 35.5 A
R _{DC} : 1.1 mΩ	R _{DC} : 1.95 mΩ	R _{DC} : 1.95 mΩ	R _{DC} : 2.8 mΩ	R _{DC} : 3.75 mΩ	R _{DC} : 6.95 mΩ	R _{DC} : 10 mΩ

PASSIVE COMPONENTS | ELECTROMECHANICAL COMPONENTS | POWER MODULES | OPTOELECTRONICS | THERMAL MANAGEMENT | CUSTOM MAGNETICS | AUTOMOTIVE | WIRELESS CONNECTIVITY & SENSORS

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. ©2025

ALL PRODUCTS
EX STOCK!