DESIGN KIT
WE-HCC SMD High Current Cube Inductor



8070

744 334 003 0	
L:	0.3 µH
I_R:	20.5 A
I_{sat}:	36 A
R_{DC}:	1.4 mΩ

744 334 004 7	
L:	0.47 µH
I_R:	19 A
I_{sat}:	32 A
R_{DC}:	1.72 mΩ

744 334 006 8	
L:	0.68 µH
I_R:	19 A
I_{sat}:	23.5 A
R_{DC}:	1.72 mΩ

744 334 010 0	
L:	1.0 µH
I_R:	17 A
I_{sat}:	24 A
R_{DC}:	2.95 mΩ

744 334 015 0	
L:	1.5 µH
I_R:	16.5 A
I_{sat}:	18.5 A
R_{DC}:	4.4 mΩ

744 334 022 0	
L:	2.2 µH
I_R:	16.5 A
I_{sat}:	12.5 A
R_{DC}:	4.4 mΩ

744 334 033 0	
L:	3.3 µH
I_R:	14 A
I_{sat}:	8.5 A
R_{DC}:	6.5 mΩ

1090

744 333 002 2	
L:	0.22 µH
I_R:	21.5 A
I_{sat}:	60 A
R_{DC}:	0.6 mΩ

744 333 003 3	
L:	0.33 µH
I_R:	21.5 A
I_{sat}:	55 A
R_{DC}:	0.6 mΩ

744 333 004 7	
L:	0.47 µH
I_R:	20.5 A
I_{sat}:	47 A
R_{DC}:	0.8 mΩ

744 333 006 8	
L:	0.68 µH
I_R:	20 A
I_{sat}:	38 A
R_{DC}:	1.35 mΩ

744 333 008 2	
L:	0.82 µH
I_R:	20 A
I_{sat}:	36 A
R_{DC}:	1.35 mΩ

744 333 010 0	
L:	1.0 µH
I_R:	20 A
I_{sat}:	27.5 A
R_{DC}:	1.35 mΩ

744 333 015 0	
L:	1.5 µH
I_R:	18 A
I_{sat}:	27 A
R_{DC}:	2.5 mΩ

744 333 022 0	
L:	2.2 µH
I_R:	16.5 A
I_{sat}:	22 A
R_{DC}:	3.7 mΩ

744 333 033 0	
L:	3.3 µH
I_R:	14 A
I_{sat}:	15.5 A
R_{DC}:	5.4 mΩ

744 333 047 0	
L:	4.7 µH
I_R:	13 A
I_{sat}:	15 A
R_{DC}:	8.2 mΩ

744 333 068 0	
L:	6.8 µH
I_R:	11.5 A
I_{sat}:	11 A
R_{DC}:	13.2 mΩ

744 333 082 0	
L:	8.2 µH
I_R:	11.5 A
I_{sat}:	8.0 A
R_{DC}:	13.2 mΩ

744 333 100 0	
L:	10 µH
I_R:	9.0 A
I_{sat}:	8.0 A
R_{DC}:	20.7 mΩ

1210

744 332 002 2	
L:	0.22 µH
I_R:	27 A
I_{sat}:	60 A
R_{DC}:	0.53 mΩ

744 332 003 3	
L:	0.33 µH
I_R:	27 A
I_{sat}:	55 A
R_{DC}:	0.53 mΩ

744 332 004 7	
L:	0.47 µH
I_R:	26 A
I_{sat}:	48 A
R_{DC}:	0.72 mΩ

744 332 006 8	
L:	0.68 µH
I_R:	26 A
I_{sat}:	38 A
R_{DC}:	0.72 mΩ

744 332 008 2	
L:	0.82 µH
I_R:	24 A
I_{sat}:	36 A
R_{DC}:	1.17 mΩ

744 332 010 0	
L:	1.0 µH
I_R:	24 A
I_{sat}:	32 A
R_{DC}:	1.17 mΩ

744 332 015 0	
L:	1.5 µH
I_R:	19.5 A
I_{sat}:	27 A
R_{DC}:	2.1 mΩ

744 332 022 0	
L:	2.2 µH
I_R:	18 A
I_{sat}:	23 A
R_{DC}:	3.05 mΩ

744 332 033 0	
L:	3.3 µH
I_R:	17 A
I_{sat}:	17 A
R_{DC}:	4.4 mΩ

744 332 047 0	
L:	4.7 µH
I_R:	15.5 A
I_{sat}:	17 A
R_{DC}:	6.35 mΩ

744 332 068 0	
L:	6.8 µH
I_R:	13 A
I_{sat}:	13 A
R_{DC}:	8.98 mΩ

744 332 082 0	
L:	8.2 µH
I_R:	13 A
I_{sat}:	12 A
R_{DC}:	9.9 mΩ

744 332 100 0	
L:	10 µH
I_R:	9.0 A
I_{sat}:	10 A
R_{DC}:	14.4 mΩ

Important information: Wurth 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.

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