

DESIGN KIT

WE-HCC SMD High Current Cube Inductor

**SIZE:**

8070; 1090; 1210

TECHNICAL DATA:

L:	0.22 ~ 10 μ H
I _R :	9.0 ~ 27 A
I _{sat} :	8.0 ~ 60 A
R _{DC} :	0.53 ~ 20.7 m Ω

Order Code 744 332**Version 1.0**

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WE-HCC SMD High Current Cube Inductor



8070	744 334 003 0	L: 0.3 μ H	I_{R^*} : 20.5 A	I_{sat} : 36 A	R_{DC} : 1.4 m Ω
	744 334 004 7	L: 0.47 μ H	I_{R^*} : 19 A	I_{sat} : 32 A	R_{DC} : 1.72 m Ω
	744 334 006 8	L: 0.68 μ H	I_{R^*} : 19 A	I_{sat} : 23.5 A	R_{DC} : 1.72 m Ω
	744 334 010 0	L: 1.0 μ H	I_{R^*} : 17 A	I_{sat} : 24 A	R_{DC} : 2.95 m Ω
	744 334 015 0	L: 1.5 μ H	I_{R^*} : 16.5 A	I_{sat} : 18.5 A	R_{DC} : 4.4 m Ω
	744 334 022 0	L: 2.2 μ H	I_{R^*} : 16.5 A	I_{sat} : 12.5 A	R_{DC} : 4.4 m Ω
	744 334 033 0	L: 3.3 μ H	I_{R^*} : 14 A	I_{sat} : 8.5 A	R_{DC} : 6.5 m Ω
1090	744 333 002 2	L: 0.22 μ H	I_{R^*} : 21.5 A	I_{sat} : 60 A	R_{DC} : 0.6 m Ω
	744 333 003 3	L: 0.33 μ H	I_{R^*} : 21.5 A	I_{sat} : 55 A	R_{DC} : 0.6 m Ω
	744 333 004 7	L: 0.47 μ H	I_{R^*} : 20.5 A	I_{sat} : 47 A	R_{DC} : 0.8 m Ω
	744 333 006 8	L: 0.68 μ H	I_{R^*} : 20 A	I_{sat} : 38 A	R_{DC} : 1.35 m Ω
	744 333 008 2	L: 0.82 μ H	I_{R^*} : 20 A	I_{sat} : 36 A	R_{DC} : 1.35 m Ω
	744 333 010 0	L: 1.0 μ H	I_{R^*} : 20 A	I_{sat} : 27.5 A	R_{DC} : 1.35 m Ω
	744 333 015 0	L: 1.5 μ H	I_{R^*} : 18 A	I_{sat} : 27 A	R_{DC} : 2.5 m Ω
1210	744 333 022 0	L: 2.2 μ H	I_{R^*} : 16.5 A	I_{sat} : 22 A	R_{DC} : 3.7 m Ω
	744 333 033 0	L: 3.3 μ H	I_{R^*} : 14 A	I_{sat} : 15.5 A	R_{DC} : 5.4 m Ω
	744 333 047 0	L: 4.7 μ H	I_{R^*} : 13 A	I_{sat} : 15 A	R_{DC} : 8.2 m Ω
	744 333 068 0	L: 6.8 μ H	I_{R^*} : 11.5 A	I_{sat} : 11 A	R_{DC} : 13.2 m Ω
	744 333 082 0	L: 8.2 μ H	I_{R^*} : 11.5 A	I_{sat} : 8.0 A	R_{DC} : 13.2 m Ω
	744 333 100 0	L: 10 μ H	I_{R^*} : 9.0 A	I_{sat} : 8.0 A	R_{DC} : 20.7 m Ω
	744 332 002 2	L: 0.22 μ H	I_{R^*} : 27 A	I_{sat} : 60 A	R_{DC} : 0.53 m Ω
744 332 003 3	L: 0.33 μ H	I_{R^*} : 27 A	I_{sat} : 55 A	R_{DC} : 0.53 m Ω	
744 332 004 7	L: 0.47 μ H	I_{R^*} : 26 A	I_{sat} : 48 A	R_{DC} : 0.72 m Ω	
744 332 006 8	L: 0.68 μ H	I_{R^*} : 26 A	I_{sat} : 38 A	R_{DC} : 0.72 m Ω	
744 332 008 2	L: 0.82 μ H	I_{R^*} : 24 A	I_{sat} : 36 A	R_{DC} : 1.17 m Ω	
744 332 010 0	L: 1.0 μ H	I_{R^*} : 24 A	I_{sat} : 32 A	R_{DC} : 1.17 m Ω	
744 332 015 0	L: 1.5 μ H	I_{R^*} : 19.5 A	I_{sat} : 27 A	R_{DC} : 2.1 m Ω	
1210	744 332 022 0	L: 2.2 μ H	I_{R^*} : 18 A	I_{sat} : 23 A	R_{DC} : 3.05 m Ω
	744 332 033 0	L: 3.3 μ H	I_{R^*} : 17 A	I_{sat} : 17 A	R_{DC} : 4.4 m Ω
	744 332 047 0	L: 4.7 μ H	I_{R^*} : 15.5 A	I_{sat} : 17 A	R_{DC} : 6.35 m Ω
	744 332 068 0	L: 6.8 μ H	I_{R^*} : 13 A	I_{sat} : 13 A	R_{DC} : 8.98 m Ω
	744 332 082 0	L: 8.2 μ H	I_{R^*} : 13 A	I_{sat} : 12 A	R_{DC} : 9.9 m Ω
	744 332 100 0	L: 10 μ H	I_{R^*} : 9.0 A	I_{sat} : 10 A	R_{DC} : 14.4 m Ω

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

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