

DESIGN KIT

WE-HCI SMD Flat Wire High Current Inductors

**SIZE:**

7030; 7040; 7050

TECHNICAL DATA:L: 0.13 ~ 10 μ HI_R: 3.5 ~ 22 AI_{sat}: 4 ~ 48 AR_{dc}: 0.91 ~ 33 m Ω **Order Code 744 354****Version 1.0**

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WE-HCI SMD Flat Wire High Current Inductors



7030		7040		7050	
744 310 013		744 311 022		744 314 024	
L: 0.13 μ H	L: 1.5 μ H	L: 0.22 μ H	L: 2.2 μ H	L: 0.24 μ H	L: 2.0 μ H
I _R : 22 A	I _R : 7.5 A	I _R : 21 A	I _R : 9.0 A	I _R : 20 A	I _R : 11.5 A
I _{sat} : 48 A	I _{sat} : 12 A	I _{sat} : 32 A	I _{sat} : 13 A	I _{sat} : 28 A	I _{sat} : 9.0 A
R _{DC} : 0.91 m Ω	R _{DC} : 12.7 m Ω	R _{DC} : 1.1 m Ω	R _{DC} : 11.4 m Ω	R _{DC} : 1.0 m Ω	R _{DC} : 5.85 m Ω
744 310 024		744 311 047		744 314 047	
L: 0.24 μ H	L: 2.0 μ H	L: 0.4 μ H	L: 3.3 μ H	L: 0.47 μ H	L: 3.3 μ H
I _R : 18 A	I _R : 6.5 A	I _R : 19 A	I _R : 6.5 A	I _R : 18 A	I _R : 9.0 A
I _{sat} : 40 A	I _{sat} : 9.0 A	I _{sat} : 25 A	I _{sat} : 11 A	I _{sat} : 20 A	I _{sat} : 8.0 A
R _{DC} : 1.8 m Ω	R _{DC} : 14.2 m Ω	R _{DC} : 1.85 m Ω	R _{DC} : 17.2 m Ω	R _{DC} : 1.35 m Ω	R _{DC} : 9.0 m Ω
744 310 055		744 311 068		744 314 076	
L: 0.52 μ H		L: 0.68 μ H		L: 0.76 μ H	
I _R : 14 A		I _R : 17 A		I _R : 15.5 A	
I _{sat} : 20 A		I _{sat} : 20 A		I _{sat} : 15 A	
R _{DC} : 3.7 m Ω		R _{DC} : 3.1 m Ω		R _{DC} : 2.25 m Ω	
744 310 095		744 311 100		744 314 110	
L: 0.95 μ H		L: 1.0 μ H		L: 1.1 μ H	
I _R : 11 A		I _R : 15 A		I _R : 15 A	
I _{sat} : 13 A		I _{sat} : 19 A		I _{sat} : 13 A	
R _{DC} : 6.2 m Ω		R _{DC} : 4.6 m Ω		R _{DC} : 3.15 m Ω	
744 310 115		744 311 150		744 314 150	
L: 1.15 μ H		L: 1.5 μ H		L: 1.5 μ H	
I _R : 8.5 A		I _R : 11 A		I _R : 13 A	
I _{sat} : 13 A		I _{sat} : 14 A		I _{sat} : 11 A	
R _{DC} : 8.6 m Ω		R _{DC} : 6.6 m Ω		R _{DC} : 4.3 m Ω	
				744 314 200	
				L: 2.0 μ H	
				I _R : 11.5 A	
				I _{sat} : 9.0 A	
				R _{DC} : 5.85 m Ω	
				744 314 330	
				L: 3.3 μ H	
				I _R : 9.0 A	
				I _{sat} : 8.0 A	
				R _{DC} : 9.0 m Ω	
				744 314 490	
				L: 4.9 μ H	
				I _R : 6.5 A	
				I _{sat} : 6.5 A	
				R _{DC} : 14.5 m Ω	
				744 314 650	
				L: 6.5 μ H	
				I _R : 6.0 A	
				I _{sat} : 6.0 A	
				R _{DC} : 21.5 m Ω	
				744 314 760	
				L: 7.6 μ H	
				I _R : 4.2 A	
				I _{sat} : 4.8 A	
				R _{DC} : 28.5 m Ω	
				744 314 850	
				L: 8.5 μ H	
				I _R : 4.0 A	
				I _{sat} : 4.5 A	
				R _{DC} : 30.4 m Ω	
				744 314 101	
				L: 10 μ H	
				I _R : 3.5 A	
				I _{sat} : 4.0 A	
				R _{DC} : 33 m Ω	

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