



DESIGN KIT

WE-HCI SMD Flat Wire High Current Inductors



SIZE:

1030; 1040; 1050

TECHNICAL DATA:

L: 0.15 ~ 16 μ H
 I_R : 5.0 ~ 25 A
 I_{sat} : 6.5 ~ 60 A
 R_{dc} : 0.51 ~ 35.5 m Ω

Order Code 744 355

Version 1.1

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WE-HCI SMD Flat Wire High Current Inductors



1030		1040		1050	
744 323 020	744 323 120	744 355 215	744 355 220 0	744 325 016	744 325 240
L: 0.2 μ H	L: 1.2 μ H	L: 0.15 μ H	L: 2.0 μ H	L: 0.16 μ H	L: 2.4 μ H
I_{R^*} : 22 A	I_{R^*} : 12 A	I_{R^*} : 25 A	I_{R^*} : 11 A	I_{R^*} : 25 A	I_{R^*} : 14 A
I_{sat} : 50 A	I_{sat} : 15 A	I_{sat} : 60 A	I_{sat} : 13 A	I_{sat} : 58 A	I_{sat} : 17 A
R_{DC} : 0.82 m Ω	R_{DC} : 6.6 m Ω	R_{DC} : 0.58 m Ω	R_{DC} : 7.3 m Ω	R_{DC} : 0.51 m Ω	R_{DC} : 4.75 m Ω
744 323 033	744 323 150	744 355 230	744 355 228 0	744 325 040	744 325 330
L: 0.33 μ H	L: 1.5 μ H	L: 0.3 μ H	L: 2.8 μ H	L: 0.4 μ H	L: 3.3 μ H
I_{R^*} : 18 A	I_{R^*} : 12 A	I_{R^*} : 22 A	I_{R^*} : 9.5 A	I_{R^*} : 24 A	I_{R^*} : 12 A
I_{sat} : 36 A	I_{sat} : 18 A	I_{sat} : 35 A	I_{sat} : 11 A	I_{sat} : 37 A	I_{sat} : 15 A
R_{DC} : 2.17 m Ω	R_{DC} : 6.6 m Ω	R_{DC} : 1.1 m Ω	R_{DC} : 10.6 m Ω	R_{DC} : 0.67 m Ω	R_{DC} : 5.9 m Ω
744 323 056	744 323 220	744 355 256	744 355 243 0	744 325 072	744 325 420
L: 0.56 μ H	L: 2.2 μ H	L: 0.56 μ H	L: 4.3 μ H	L: 0.72 μ H	L: 4.2 μ H
I_{R^*} : 18 A	I_{R^*} : 9.0 A	I_{R^*} : 20 A	I_{R^*} : 8 A	I_{R^*} : 22 A	I_{R^*} : 11 A
I_{sat} : 33 A	I_{sat} : 15 A	I_{sat} : 30 A	I_{sat} : 8 A	I_{sat} : 35 A	I_{sat} : 14 A
R_{DC} : 2.17 m Ω	R_{DC} : 11.38 m Ω	R_{DC} : 1.61 m Ω	R_{DC} : 14.1 m Ω	R_{DC} : 1.3 m Ω	R_{DC} : 7.1 m Ω
744 323 068		744 355 210 0	744 355 256 0	744 325 120	744 325 550
L: 0.68 μ H		L: 1.0 μ H	L: 5.6 μ H	L: 1.2 μ H	L: 5.5 μ H
I_{R^*} : 14 A		I_{R^*} : 16 A	I_{R^*} : 6.7 A	I_{R^*} : 20 A	I_{R^*} : 10 A
I_{sat} : 21 A		I_{sat} : 20 A	I_{sat} : 7.5 A	I_{sat} : 25 A	I_{sat} : 12 A
R_{DC} : 4.79 m Ω		R_{DC} : 3.3 m Ω	R_{DC} : 20.6 m Ω	R_{DC} : 1.8 m Ω	R_{DC} : 10.3 m Ω
744 323 100		744 355 215 0		744 325 180	744 325 650
L: 1.0 μ H		L: 1.5 μ H		L: 1.8 μ H	L: 6.5 μ H
I_{R^*} : 14 A		I_{R^*} : 14 A		I_{R^*} : 16 A	I_{R^*} : 8.4 A
I_{sat} : 21 A		I_{sat} : 17 A		I_{sat} : 18 A	I_{sat} : 10 A
R_{DC} : 4.79 m Ω		R_{DC} : 5.3 m Ω		R_{DC} : 3.5 m Ω	R_{DC} : 12.5 m Ω
					744 325 780
					L: 7.8 μ H
					I_{R^*} : 8 A
					I_{sat} : 9.5 A
					R_{DC} : 13.6 m Ω
					744 325 100 0
					L: 10 μ H
					I_{R^*} : 7.2 A
					I_{sat} : 8.5 A
					R_{DC} : 16.3 m Ω
					744 325 160 0
					L: 16 μ H
					I_{R^*} : 5 A
					I_{sat} : 6.5 A
					R_{DC} : 35.5 m Ω

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