



DESIGN KIT

WE-MAPI

Metal Alloy Power Inductor

SIZE:

2506 / 2508 / 2510

TECHNICAL DATA:

L: 0.47 ~ 10 μ H
 R_{DC} : 29 ~ 733 m Ω
 I_R : 0.6 ~ 3.4 A
 I_{sat} : 1.35 ~ 6.2 A

Order Code 744 383 2
Version 1.0



WE-MAPI Metal Alloy Power Inductor



2506

744 383 210 047	744 383 210 10
L: 0.47 μ H	L: 1.0 μ H
R_{DC} : 76 m Ω	R_{DC} : 163 m Ω
I_{H^*} : 2.2 A	I_{H^*} : 1.25 A
I_{Sat} : 3.7 A	I_{Sat} : 2.5 A

2508

744 383 220 047	744 383 220 10	744 383 220 22
L: 0.47 μ H	L: 1.0 μ H	L: 2.2 μ H
R_{DC} : 70 m Ω	R_{DC} : 107 m Ω	R_{DC} : 252 m Ω
I_{H^*} : 2.25 A	I_{H^*} : 1.75 A	I_{H^*} : 1.34 A
I_{Sat} : 4.4 A	I_{Sat} : 3.35 A	I_{Sat} : 2.2 A

2510

744 383 230 033	744 383 230 047	744 383 230 068	744 383 230 082	744 383 230 10	744 383 230 12
L: 0.33 μ H	L: 0.47 μ H	L: 0.68 μ H	L: 0.82 μ H	L: 1.0 μ H	L: 1.2 μ H
R_{DC} : 29 m Ω	R_{DC} : 37 m Ω	R_{DC} : 46.0 m Ω	R_{DC} : 53 m Ω	R_{DC} : 63 m Ω	R_{DC} : 82 m Ω
I_{H^*} : 3.4 A	I_{H^*} : 3.2 A	I_{H^*} : 3.1 A	I_{H^*} : 2.6 A	I_{H^*} : 2.5 A	I_{H^*} : 1.9 A
I_{Sat} : 6.2 A	I_{Sat} : 5.5 A	I_{Sat} : 4.7 A	I_{Sat} : 4.25 A	I_{Sat} : 4.0 A	I_{Sat} : 3.8 A

744 383 230 15	744 383 230 22	744 383 230 33	744 383 230 47	744 383 230 68	744 383 230 82
L: 1.5 μ H	L: 2.2 μ H	L: 3.3 μ H	L: 4.7 μ H	L: 6.8 μ H	L: 8.2 μ H
R_{DC} : 92 m Ω	R_{DC} : 147 m Ω	R_{DC} : 220 m Ω	R_{DC} : 338 m Ω	R_{DC} : 563 m Ω	R_{DC} : 646 m Ω
I_{H^*} : 1.8 A	I_{H^*} : 1.3 A	I_{H^*} : 1.25 A	I_{H^*} : 0.94 A	I_{H^*} : 0.85 A	I_{H^*} : 0.7 A
I_{Sat} : 3.5 A	I_{Sat} : 2.5 A	I_{Sat} : 2.1 A	I_{Sat} : 1.75 A	I_{Sat} : 1.55 A	I_{Sat} : 1.45 A

744 383 231 00

L: 10.0 μ H
R_{DC} : 733 m Ω
I_{H^*} : 0.6 A
I_{Sat} : 1.35 A

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Please check datasheets on www.we-online.com for specifications.
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