



DESIGN KIT

WE-MAIA – Metal Alloy Power Inductor

SIZE:

2506 / 2508 / 2510

TECHNICAL DATA:

L: 0.33 – 10.0 μ H

I_R : 0.6 – 3.4 A

I_{sat} : 1.35 – 6.2 A

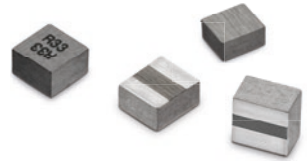
$R_{DC typ}$: 29.0 – 733 m Ω

Order Code 784 383 2
Version 1.0



DESIGN KIT

WE-MAIA – Metal Alloy Power Inductor



2506		2508			2510
784 383 210 047	784 383 210 10	784 383 210 047	784 383 220 10	784 383 220 22	784 383 230 033
L: 0.47 μ H	L: 1.0 μ H	L: 0.47 μ H	L: 1.0 μ H	L: 2.2 μ H	L: 0.33 μ H
I_{RMS} : 2.2 A	I_{RMS} : 1.25 A	I_{RMS} : 2.25 A	I_{RMS} : 1.75 A	I_{RMS} : 1.34 A	I_{RMS} : 3.4 A
I_{SAT} : 3.7 A	I_{SAT} : 2.5 A	I_{SAT} : 4.4 A	I_{SAT} : 3.35 A	I_{SAT} : 2.2 A	I_{SAT} : 6.2 A
$R_{DC typ}$: 76.0 m Ω	$R_{DC typ}$: 163 m Ω	$R_{DC typ}$: 70.0 m Ω	$R_{DC typ}$: 107 m Ω	$R_{DC typ}$: 252 m Ω	$R_{DC typ}$: 29.0 m Ω

2510					
784 383 230 047	784 383 230 068	784 383 230 082	784 383 230 10	784 383 230 12	784 383 230 15
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	L: 1.5 μ H
I_{RMS} : 3.2 A	I_{RMS} : 3.1 A	I_{RMS} : 2.6 A	I_{RMS} : 2.5 A	I_{RMS} : 1.9 A	I_{RMS} : 1.8 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	I_{SAT} : 3.5 A
$R_{DC typ}$: 37.0 m Ω	$R_{DC typ}$: 46.0 m Ω	$R_{DC typ}$: 53.0 m Ω	$R_{DC typ}$: 63.0 m Ω	$R_{DC typ}$: 82.0 m Ω	$R_{DC typ}$: 92.0 m Ω

2510					
784 383 230 22	784 383 230 33	784 383 230 47	784 383 230 68	784 383 230 82	784 383 231 00
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	L: 10.0 μ H
I_{RMS} : 1.3 A	I_{RMS} : 1.25 A	I_{RMS} : 0.94 A	I_{RMS} : 0.85 A	I_{RMS} : 0.7 A	I_{RMS} : 0.6 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	I_{SAT} : 1.35 A
$R_{DC typ}$: 147 m Ω	$R_{DC typ}$: 220 m Ω	$R_{DC typ}$: 338 m Ω	$R_{DC typ}$: 563 m Ω	$R_{DC typ}$: 646 m Ω	$R_{DC typ}$: 733 m Ω

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