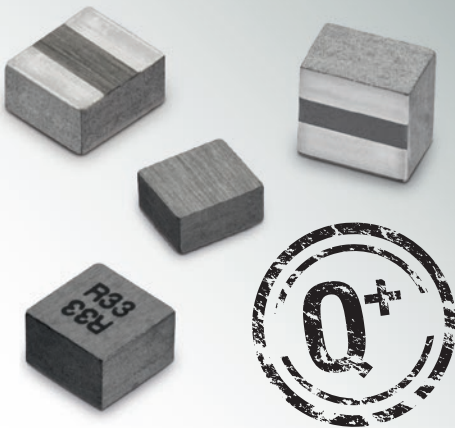




DESIGN KIT

WE-MAIA – Metal Alloy Power Inductor



SIZE:

2506 / 2508 / 2510 / 2512

TECHNICAL DATA:

L: 0.33 – 10 μ H

$R_{DC\ typ}$: 29 – 733 m Ω

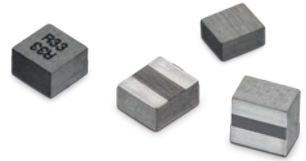
I_R : 0.6 – 3.4 A

I_{SAT} : 1.35 – 6.2 A

Order Code 784 383 2
Version 2.0

DESIGN KIT

WE-MAIA – Metal Alloy Power Inductor



2506		2508			2510
784 383 210 047	784 383 210 10	784 383 220 047	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
$R_{DC\ typ}$: 76 m Ω	$R_{DC\ typ}$: 163 m Ω	$R_{DC\ typ}$: 70 m Ω	$R_{DC\ typ}$: 107 m Ω	$R_{DC\ typ}$: 252 m Ω	$R_{DC\ typ}$: 29 m Ω
I_{IC} : 2.2 A	I_{IC} : 1.25 A	I_{IC} : 2.25 A	I_{IC} : 1.75 A	I_{IC} : 1.34 A	I_{IC} : 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
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
$R_{DC\ typ}$: 37 m Ω	$R_{DC\ typ}$: 46 m Ω	$R_{DC\ typ}$: 53 m Ω	$R_{DC\ typ}$: 63 m Ω	$R_{DC\ typ}$: 82 m Ω	$R_{DC\ typ}$: 92 m Ω
I_{IC} : 3.2 A	I_{IC} : 3.1 A	I_{IC} : 2.6 A	I_{IC} : 2.5 A	I_{IC} : 1.9 A	I_{IC} : 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
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 μ H
$R_{DC\ typ}$: 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
I_{IC} : 1.3 A	I_{IC} : 1.25 A	I_{IC} : 0.94 A	I_{IC} : 0.85 A	I_{IC} : 0.7 A	I_{IC} : 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
2512					
784 383 240 068	784 383 240 10	784 383 240 22	784 383 240 47	784 383 240 68	784 383 241 00
L: 0.68 μ H	L: 1.0 μ H	L: 2.2 μ H	L: 4.7 μ H	L: 6.8 μ H	L: 10 μ H
$R_{DC\ typ}$: 45 m Ω	$R_{DC\ typ}$: 49 m Ω	$R_{DC\ typ}$: 123 m Ω	$R_{DC\ typ}$: 300 m Ω	$R_{DC\ typ}$: 560 m Ω	$R_{DC\ typ}$: 680 m Ω
I_{IC} : 3.2 A	I_{IC} : 2.8 A	I_{IC} : 1.6 A	I_{IC} : 1.0 A	I_{IC} : 0.9 A	I_{IC} : 0.7 A
I_{SAT} : 5.85 A	I_{SAT} : 4.9 A	I_{SAT} : 2.9 A	I_{SAT} : 2.1 A	I_{SAT} : 1.6 A	I_{SAT} : 1.4 A

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