



DESIGN KIT

WE-MAPI – Metal Alloy Power Inductor

SIZE:

1610 / 2010

TECHNICAL DATA:

L: 0.33 – 2.2 μ H

I_R : 0.85 – 2.5 A

I_{sat} : 2.5 – 5.9 A

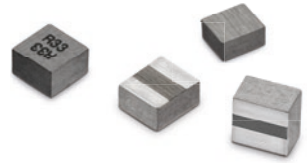
$R_{DC typ}$: 40.0 – 337 m Ω

Order Code 744 383 1
Version 1.0



DESIGN KIT

WE-MAPI – Metal Alloy Power Inductor



1610	744 383 130 033	744 383 130 047	744 383 130 056	744 383 130 068	744 383 130 082	744 383 130 10
	L: 0.33 μ H	L: 0.47 μ H	L: 0.56 μ H	L: 0.68 μ H	L: 0.82 μ H	L: 1.0 μ H
	I_{R^*} : 1.9 A	I_{R^*} : 1.7 A	I_{R^*} : 1.65 A	I_{R^*} : 1.55 A	I_{R^*} : 1.45 A	I_{R^*} : 1.4 A
	I_{sat} : 4.9 A	I_{sat} : 4.5 A	I_{sat} : 4.0 A	I_{sat} : 3.8 A	I_{sat} : 3.6 A	I_{sat} : 3.4 A
	$R_{DC\ typ}$: 65.0 m Ω	$R_{DC\ typ}$: 77.0 m Ω	$R_{DC\ typ}$: 90.0 m Ω	$R_{DC\ typ}$: 101 m Ω	$R_{DC\ typ}$: 115 m Ω	$R_{DC\ typ}$: 127 m Ω
	744 383 130 12	744 383 130 15	744 383 130 22			
	L: 1.2 μ H	L: 1.5 μ H	L: 2.2 μ H			
	I_{R^*} : 1.3 A	I_{R^*} : 0.95 A	I_{R^*} : 0.85 A			
	I_{sat} : 3.2 A	I_{sat} : 2.7 A	I_{sat} : 2.5 A			
	$R_{DC\ typ}$: 140 m Ω	$R_{DC\ typ}$: 189 m Ω	$R_{DC\ typ}$: 337 m Ω			
2010	744 383 430 033	744 383 430 047	744 383 430 056	744 383 430 068	744 383 430 082	744 383 430 10
	L: 0.33 μ H	L: 0.47 μ H	L: 0.56 μ H	L: 0.68 μ H	L: 0.82 μ H	L: 1.0 μ H
	I_{R^*} : 2.5 A	I_{R^*} : 2.3 A	I_{R^*} : 2.1 A	I_{R^*} : 2.0 A	I_{R^*} : 1.9 A	I_{R^*} : 1.8 A
	I_{sat} : 5.9 A	I_{sat} : 5.25 A	I_{sat} : 5.0 A	I_{sat} : 4.7 A	I_{sat} : 4.2 A	I_{sat} : 3.9 A
	$R_{DC\ typ}$: 40.0 m Ω	$R_{DC\ typ}$: 49.0 m Ω	$R_{DC\ typ}$: 56.0 m Ω	$R_{DC\ typ}$: 65.0 m Ω	$R_{DC\ typ}$: 71.0 m Ω	$R_{DC\ typ}$: 86.0 m Ω
	744 383 430 12	744 383 430 15	744 383 430 22			
	L: 1.2 μ H	L: 1.5 μ H	L: 2.2 μ H			
	I_{R^*} : 1.5 A	I_{R^*} : 1.3 A	I_{R^*} : 1.1 A			
	I_{sat} : 3.8 A	I_{sat} : 3.0 A	I_{sat} : 2.5 A			
	$R_{DC\ typ}$: 114 m Ω	$R_{DC\ typ}$: 150 m Ω	$R_{DC\ typ}$: 225 m Ω			

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