



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

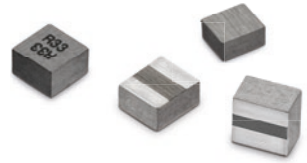
I_{sat}: 2.5 – 5.9 A

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

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