

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
1610	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
2010	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			

Important information: Würth Elektronik's design kits contain reference components. These components correspond with the current product development status on the day of supply. Exchange of the reference components to components with up-to-date product development status is not carried out automatically. No liability is taken for the use of these reference components. Therefore, please request new samples prior to releases for series production and product release.

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