WÜRTH ELEKTRONIK

DESIGN KIT

WE-MAIA – Metal Alloy Power Inductor

SIZE:

2506 / 2508 / 2510

TECHNICAL DATA:

L: 0.33 – 10.0 µH

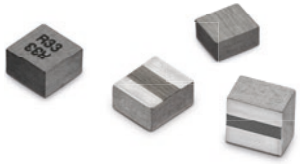
I_R: 0.6 – 3.4 A

I_{sat}: 1.35 – 6.2 A

$R_{DC\ typ}$: 29.0 – 733 mΩ

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 µH	L:	1.0 µH	L:	0.47 µH	L:	1.0 µH	L:	2.2 µH	L:	0.33 µH
I_R:	2.2 A	I_R:	1.25 A	I_R:	2.25 A	I_R:	1.75 A	I_R:	1.34 A	I_R:	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 mΩ	$R_{DC\ typ}$:	163 mΩ	$R_{DC\ typ}$:	70.0 mΩ	$R_{DC\ typ}$:	107 mΩ	$R_{DC\ typ}$:	252 mΩ	$R_{DC\ typ}$:	29.0 mΩ

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 µH	L:	0.68 µH	L:	0.82 µH	L:	1.0 µH	L:	1.2 µH	L:	1.5 µH
I_R:	3.2 A	I_R:	3.1 A	I_R:	2.6 A	I_R:	2.5 A	I_R:	1.9 A	I_R:	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 mΩ	$R_{DC\ typ}$:	46.0 mΩ	$R_{DC\ typ}$:	53.0 mΩ	$R_{DC\ typ}$:	63.0 mΩ	$R_{DC\ typ}$:	82.0 mΩ	$R_{DC\ typ}$:	92.0 mΩ

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 µH	L:	3.3 µH	L:	4.7 µH	L:	6.8 µH	L:	8.2 µH	L:	10.0 µH
I_R:	1.3 A	I_R:	1.25 A	I_R:	0.94 A	I_R:	0.85 A	I_R:	0.7 A	I_R:	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 mΩ	$R_{DC\ typ}$:	220 mΩ	$R_{DC\ typ}$:	338 mΩ	$R_{DC\ typ}$:	563 mΩ	$R_{DC\ typ}$:	646 mΩ	$R_{DC\ typ}$:	733 mΩ

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.

All products in stock!