METAL ALLOY POWER INDUCTOR

WE-MAPI

more details online

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744 383 560 033		744 383 560 056		744 383 560 068		744 383 560 10		744 383 560 12		744 383 560 15	
L:	0.33 µH	L:	0.56 µH	L:	0.68 µH	L:	1 µH	L:	1.2 µH	L:	1.5 µH
I_R:	14.95 A	I_R:	13.65 A	I_R:	13.15 A	I_R:	10.1 A	I_R:	8.9 A	I_R:	8.6 A
I_{SAT}:	16.7 A	I_{SAT}:	14.7 A	I_{SAT}:	12.7 A	I_{SAT}:	11.5 A	I_{SAT}:	11.2 A	I_{SAT}:	10.2 A
$R_{DC\ typ.}$:	6 mΩ	$R_{DC\ typ.}$:	7 mΩ	$R_{DC\ typ.}$:	7.5 mΩ	$R_{DC\ typ.}$:	12 mΩ	$R_{DC\ typ.}$:	15 mΩ	$R_{DC\ typ.}$:	16 mΩ

744 383 560 18		744 383 560 22		744 383 560 33		744 383 560 47		744 383 560 56		744 383 561 50	
L:	1.8 µH	L:	2.2 µH	L:	3.3 µH	L:	4.7 µH	L:	5.6 µH	L:	15 µH
I_R:	6.8 A	I_R:	6.2 A	I_R:	5.15 A	I_R:	4 A	I_R:	3.85 A	I_R:	2.1 A
I_{SAT}:	8.7 A	I_{SAT}:	7.9 A	I_{SAT}:	7.1 A	I_{SAT}:	5.75 A	I_{SAT}:	5.5 A	I_{SAT}:	2.85 A
$R_{DC\ typ.}$:	24.5 mΩ	$R_{DC\ typ.}$:	29 mΩ	$R_{DC\ typ.}$:	39.9 mΩ	$R_{DC\ typ.}$:	63 mΩ	$R_{DC\ typ.}$:	68 mΩ	$R_{DC\ typ.}$:	200 mΩ

744 383 562 20	
L:	22 µH
I_R:	1.85 A
I_{SAT}:	2.45 A
$R_{DC\ typ.}$:	250 mΩ

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744 383 570 10		744 383 570 12		744 383 570 15		744 383 570 18		744 383 570 22		744 383 570 33	
L:	1 µH	L:	1.2 µH	L:	1.5 µH	L:	1.8 µH	L:	2.2 µH	L:	3.3 µH
I_R:	10.25 A	I_R:	9.4 A	I_R:	8.2 A	I_R:	7.9 A	I_R:	7.1 A	I_R:	6.1 A
I_{SAT}:	12.5 A	I_{SAT}:	11.6 A	I_{SAT}:	11 A	I_{SAT}:	10.3 A	I_{SAT}:	9.2 A	I_{SAT}:	6.8 A
$R_{DC\ typ.}$:	11.6 mΩ	$R_{DC\ typ.}$:	13.4 mΩ	$R_{DC\ typ.}$:	17.1 mΩ	$R_{DC\ typ.}$:	18 mΩ	$R_{DC\ typ.}$:	22 mΩ	$R_{DC\ typ.}$:	29 mΩ

744 383 570 47		744 383 570 56		744 383 570 68		744 383 570 82		744 383 571 00	
L:	4.7 µH	L:	5.6 µH	L:	6.8 µH	L:	8.2 µH	L:	10 µH
I_R:	5.1 A	I_R:	4.7 A	I_R:	3.75 A	I_R:	3.45 A	I_R:	3.05 A
I_{SAT}:	8.2 A	I_{SAT}:	8.1 A	I_{SAT}:	7.2 A	I_{SAT}:	6.8 A	I_{SAT}:	5.95 A
$R_{DC\ typ.}$:	39.9 mΩ	$R_{DC\ typ.}$:	46.5 mΩ	$R_{DC\ typ.}$:	69.4 mΩ	$R_{DC\ typ.}$:	81 mΩ	$R_{DC\ typ.}$:	100.8 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.