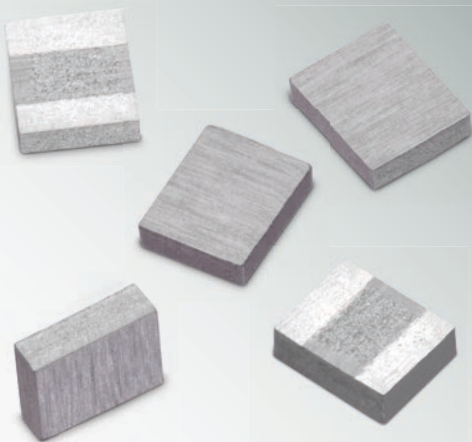




DESIGN KIT

WE-MAPI

Metal Alloy Power Inductor



SIZE:

2506 / 2508 / 2510

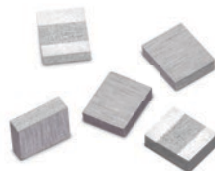
TECHNICAL DATA:

L:	0.47 ~ 10 μ H
R_{DC} :	29 ~ 733 m Ω
I_R :	0.6 ~ 3.4 A
I_{sat} :	1.35 ~ 6.2 A

Order Code 744 383 2
Version 1.0

WE-MAPI

Metal Alloy Power Inductor



2506

744 383 210 047	744 383 210 10
L: 0.47 μ H	L: 1.0 μ H
R_{DC} : 76 m Ω	R_{DC} : 163 m Ω
I_{R^*} : 2.2 A	I_{R^*} : 1.25 A
I_{sat} : 3.7 A	I_{sat} : 2.5 A

2508

744 383 220 047	744 383 220 10	744 383 220 22
L: 0.47 μ H	L: 1.0 μ H	L: 2.2 μ H
R_{DC} : 70 m Ω	R_{DC} : 107 m Ω	R_{DC} : 252 m Ω
I_{R^*} : 2.25 A	I_{R^*} : 1.75 A	I_{R^*} : 1.34 A
I_{sat} : 4.4 A	I_{sat} : 3.35 A	I_{sat} : 2.2 A

2510

744 383 230 033	744 383 230 047	744 383 230 068	744 383 230 082	744 383 230 10	744 383 230 12
L: 0.33 μ H	L: 0.47 μ H	L: 0.68 μ H	L: 0.82 μ H	L: 1.0 μ H	L: 1.2 μ H
R_{DC} : 29 m Ω	R_{DC} : 37 m Ω	R_{DC} : 46.0 m Ω	R_{DC} : 53 m Ω	R_{DC} : 63 m Ω	R_{DC} : 82 m Ω
I_{R^*} : 3.4 A	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_{sat} : 6.2 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

744 383 230 15	744 383 230 22	744 383 230 33	744 383 230 47	744 383 230 68	744 383 230 82
L: 1.5 μ H	L: 2.2 μ H	L: 3.3 μ H	L: 4.7 μ H	L: 6.8 μ H	L: 8.2 μ H
R_{DC} : 92 m Ω	R_{DC} : 147 m Ω	R_{DC} : 220 m Ω	R_{DC} : 338 m Ω	R_{DC} : 563 m Ω	R_{DC} : 646 m Ω
I_{R^*} : 1.8 A	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_{sat} : 3.5 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

744 383 231 00

L: 10.0 μ H
R_{DC} : 733 m Ω
I_{R^*} : 0.6 A
I_{sat} : 1.35 A

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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