



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

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WE-MAPI – Metal Alloy Power Inductor



1610

744 383 130 033

L:	0.33 μ H
I_{R^*} :	1.9 A
I_{sat} :	4.9 A
$R_{DC typ}$:	65.0 m Ω

744 383 130 047

L:	0.47 μ H
I_{R^*} :	1.7 A
I_{sat} :	4.5 A
$R_{DC typ}$:	77.0 m Ω

744 383 130 056

L:	0.56 μ H
I_{R^*} :	1.65 A
I_{sat} :	4.0 A
$R_{DC typ}$:	90.0 m Ω

744 383 130 068

L:	0.68 μ H
I_{R^*} :	1.55 A
I_{sat} :	3.8 A
$R_{DC typ}$:	101 m Ω

744 383 130 082

L:	0.82 μ H
I_{R^*} :	1.45 A
I_{sat} :	3.6 A
$R_{DC typ}$:	115 m Ω

744 383 130 10

L:	1.0 μ H
I_{R^*} :	1.4 A
I_{sat} :	3.4 A
$R_{DC typ}$:	127 m Ω

744 383 130 12

L:	1.2 μ H
I_{R^*} :	1.3 A
I_{sat} :	3.2 A
$R_{DC typ}$:	140 m Ω

744 383 130 15

L:	1.5 μ H
I_{R^*} :	0.95 A
I_{sat} :	2.7 A
$R_{DC typ}$:	189 m Ω

744 383 130 22

L:	2.2 μ H
I_{R^*} :	0.85 A
I_{sat} :	2.5 A
$R_{DC typ}$:	337 m Ω

2010

744 383 430 033

L:	0.33 μ H
I_{R^*} :	2.5 A
I_{sat} :	5.9 A
$R_{DC typ}$:	40.0 m Ω

744 383 430 047

L:	0.47 μ H
I_{R^*} :	2.3 A
I_{sat} :	5.25 A
$R_{DC typ}$:	49.0 m Ω

744 383 430 056

L:	0.56 μ H
I_{R^*} :	2.1 A
I_{sat} :	5.0 A
$R_{DC typ}$:	56.0 m Ω

744 383 430 068

L:	0.68 μ H
I_{R^*} :	2.0 A
I_{sat} :	4.7 A
$R_{DC typ}$:	65.0 m Ω

744 383 430 082

L:	0.82 μ H
I_{R^*} :	1.9 A
I_{sat} :	4.2 A
$R_{DC typ}$:	71.0 m Ω

744 383 430 10

L:	1.0 μ H
I_{R^*} :	1.8 A
I_{sat} :	3.9 A
$R_{DC typ}$:	86.0 m Ω

744 383 430 12

L:	1.2 μ H
I_{R^*} :	1.5 A
I_{sat} :	3.8 A
$R_{DC typ}$:	114 m Ω

744 383 430 15

L:	1.5 μ H
I_{R^*} :	1.3 A
I_{sat} :	3.0 A
$R_{DC typ}$:	150 m Ω

744 383 430 22

L:	2.2 μ H
I_{R^*} :	1.1 A
I_{sat} :	2.5 A
$R_{DC typ}$:	225 m Ω

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