

# MOLDED POWER INDUCTOR

## 10XX / 15XX

WE-XHMI



more details online

1090				
<b>744 393 690 10</b>	<b>744 393 690 33</b>	<b>744 393 690 47</b>	<b>744 393 690 56</b>	<b>744 393 690 68</b>
L: 1 $\mu$ H	L: 3.3 $\mu$ H	L: 4.7 $\mu$ H	L: 5.6 $\mu$ H	L: 6.8 $\mu$ H
R <sub>DC typ.</sub> : 1.4 m $\Omega$	R <sub>DC typ.</sub> : 3.4 m $\Omega$	R <sub>DC typ.</sub> : 5 m $\Omega$	R <sub>DC typ.</sub> : 5.9 m $\Omega$	R <sub>DC typ.</sub> : 7.16 m $\Omega$
I <sub>R</sub> : 48.2 A	I <sub>R</sub> : 24.95 A	I <sub>R</sub> : 20 A	I <sub>R</sub> : 18.15 A	I <sub>R</sub> : 16.3 A
I <sub>SAT</sub> : 55.3 A	I <sub>SAT</sub> : 34 A	I <sub>SAT</sub> : 28.05 A	I <sub>SAT</sub> : 24.45 A	I <sub>SAT</sub> : 23.25 A

  

1090	
<b>744 393 691 00</b>	<b>744 393 691 50</b>
L: 10 $\mu$ H	L: 15 $\mu$ H
R <sub>DC typ.</sub> : 11 m $\Omega$	R <sub>DC typ.</sub> : 14.8 m $\Omega$
I <sub>R</sub> : 12.7 A	I <sub>R</sub> : 10.75 A
I <sub>SAT</sub> : 16.95 A	I <sub>SAT</sub> : 16.95 A

  

1510				
<b>744 393 700 47</b>	<b>744 393 701 00</b>	<b>744 393 701 50</b>	<b>744 393 702 20</b>	<b>744 393 703 30</b>
L: 4.7 $\mu$ H	L: 10 $\mu$ H	L: 15 $\mu$ H	L: 22 $\mu$ H	L: 33 $\mu$ H
R <sub>DC typ.</sub> : 3.1 m $\Omega$	R <sub>DC typ.</sub> : 6.4 m $\Omega$	R <sub>DC typ.</sub> : 10.5 m $\Omega$	R <sub>DC typ.</sub> : 12.5 m $\Omega$	R <sub>DC typ.</sub> : 18 m $\Omega$
I <sub>R</sub> : 29.7 A	I <sub>R</sub> : 19.6 A	I <sub>R</sub> : 14.7 A	I <sub>R</sub> : 13.35 A	I <sub>R</sub> : 10.8 A
I <sub>SAT</sub> : 47.4 A	I <sub>SAT</sub> : 31.2 A	I <sub>SAT</sub> : 26.1 A	I <sub>SAT</sub> : 22.35 A	I <sub>SAT</sub> : 18.15 A

PASSIVE COMPONENTS | ELECTROMECHANICAL COMPONENTS | POWER MODULES | OPTOELECTRONICS | THERMAL MANAGEMENT | CUSTOM MAGNETICS | AUTOMOTIVE | WIRELESS CONNECTIVITY & SENSORS

**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](http://www.we-online.com) for specifications. Würth Elektronik eiSos GmbH & Co. KG, EMC & Inductive Solutions. ©2024

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EX STOCK!**