

# SHIELDED POWER INDUCTOR

WE-PD SMT



more details online

<table border="1"> <thead> <tr> <th colspan="2">744 778 001</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>1 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>9 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>5.37 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>6.4 A</td> </tr> </tbody> </table>		744 778 001		L:	1 $\mu$ H	R <sub>DC typ.</sub> :	9 m $\Omega$	I <sub>R</sub> :	5.37 A	I <sub>SAT</sub> :	6.4 A	<table border="1"> <thead> <tr> <th colspan="2">744 778 122</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>22 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>119 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>1.38 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>1.4 A</td> </tr> </tbody> </table>		744 778 122		L:	22 $\mu$ H	R <sub>DC typ.</sub> :	119 m $\Omega$	I <sub>R</sub> :	1.38 A	I <sub>SAT</sub> :	1.4 A	<table border="1"> <thead> <tr> <th colspan="2">744 778 30</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>1000 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>5570 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.2 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>0.18 A</td> </tr> </tbody> </table>		744 778 30		L:	1000 $\mu$ H	R <sub>DC typ.</sub> :	5570 m $\Omega$	I <sub>R</sub> :	0.2 A	I <sub>SAT</sub> :	0.18 A	<table border="1"> <thead> <tr> <th colspan="2">Robust</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 910</td> </tr> <tr> <td>L:</td> <td>10 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>64 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>1.83 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>2.2 A</td> </tr> </tbody> </table>		Robust		744 778 910		L:	10 $\mu$ H	R <sub>DC typ.</sub> :	64 m $\Omega$	I <sub>R</sub> :	1.83 A	I <sub>SAT</sub> :	2.2 A	<table border="1"> <thead> <tr> <th colspan="2">Robust</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 922 2</td> </tr> <tr> <td>L:</td> <td>220 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>1350 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.43 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>0.42 A</td> </tr> </tbody> </table>		Robust		744 778 922 2		L:	220 $\mu$ H	R <sub>DC typ.</sub> :	1350 m $\Omega$	I <sub>R</sub> :	0.43 A	I <sub>SAT</sub> :	0.42 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 302 2</td> </tr> <tr> <td>L:</td> <td>2.2 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>15.5 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>4.5 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>6.5 A</td> </tr> </tbody> </table>		Performance		744 778 302 2		L:	2.2 $\mu$ H	R <sub>DC typ.</sub> :	15.5 m $\Omega$	I <sub>R</sub> :	4.5 A	I <sub>SAT</sub> :	6.5 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 347 0</td> </tr> <tr> <td>L:</td> <td>47 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>180 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>1.2 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>1.45 A</td> </tr> </tbody> </table>		Performance		744 778 347 0		L:	47 $\mu$ H	R <sub>DC typ.</sub> :	180 m $\Omega$	I <sub>R</sub> :	1.2 A	I <sub>SAT</sub> :	1.45 A		
744 778 001																																																																																													
L:	1 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	9 m $\Omega$																																																																																												
I <sub>R</sub> :	5.37 A																																																																																												
I <sub>SAT</sub> :	6.4 A																																																																																												
744 778 122																																																																																													
L:	22 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	119 m $\Omega$																																																																																												
I <sub>R</sub> :	1.38 A																																																																																												
I <sub>SAT</sub> :	1.4 A																																																																																												
744 778 30																																																																																													
L:	1000 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	5570 m $\Omega$																																																																																												
I <sub>R</sub> :	0.2 A																																																																																												
I <sub>SAT</sub> :	0.18 A																																																																																												
Robust																																																																																													
744 778 910																																																																																													
L:	10 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	64 m $\Omega$																																																																																												
I <sub>R</sub> :	1.83 A																																																																																												
I <sub>SAT</sub> :	2.2 A																																																																																												
Robust																																																																																													
744 778 922 2																																																																																													
L:	220 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	1350 m $\Omega$																																																																																												
I <sub>R</sub> :	0.43 A																																																																																												
I <sub>SAT</sub> :	0.42 A																																																																																												
Performance																																																																																													
744 778 302 2																																																																																													
L:	2.2 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	15.5 m $\Omega$																																																																																												
I <sub>R</sub> :	4.5 A																																																																																												
I <sub>SAT</sub> :	6.5 A																																																																																												
Performance																																																																																													
744 778 347 0																																																																																													
L:	47 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	180 m $\Omega$																																																																																												
I <sub>R</sub> :	1.2 A																																																																																												
I <sub>SAT</sub> :	1.45 A																																																																																												
<table border="1"> <thead> <tr> <th colspan="2">744 778 002</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>2.2 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>14 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>4.02 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>4.8 A</td> </tr> </tbody> </table>		744 778 002		L:	2.2 $\mu$ H	R <sub>DC typ.</sub> :	14 m $\Omega$	I <sub>R</sub> :	4.02 A	I <sub>SAT</sub> :	4.8 A	<table border="1"> <thead> <tr> <th colspan="2">744 778 147</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>47 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>315 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>1.22 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>1.15 A</td> </tr> </tbody> </table>		744 778 147		L:	47 $\mu$ H	R <sub>DC typ.</sub> :	315 m $\Omega$	I <sub>R</sub> :	1.22 A	I <sub>SAT</sub> :	1.15 A			<table border="1"> <thead> <tr> <th colspan="2">Robust</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 911 5</td> </tr> <tr> <td>L:</td> <td>15 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>100 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>1.51 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>1.75 A</td> </tr> </tbody> </table>		Robust		744 778 911 5		L:	15 $\mu$ H	R <sub>DC typ.</sub> :	100 m $\Omega$	I <sub>R</sub> :	1.51 A	I <sub>SAT</sub> :	1.75 A	<table border="1"> <thead> <tr> <th colspan="2">Robust</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 924</td> </tr> <tr> <td>L:</td> <td>470 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>2600 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.3 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>0.31 A</td> </tr> </tbody> </table>		Robust		744 778 924		L:	470 $\mu$ H	R <sub>DC typ.</sub> :	2600 m $\Omega$	I <sub>R</sub> :	0.3 A	I <sub>SAT</sub> :	0.31 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 304 7</td> </tr> <tr> <td>L:</td> <td>4.7 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>27 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>3.3 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>4.6 A</td> </tr> </tbody> </table>		Performance		744 778 304 7		L:	4.7 $\mu$ H	R <sub>DC typ.</sub> :	27 m $\Omega$	I <sub>R</sub> :	3.3 A	I <sub>SAT</sub> :	4.6 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 310 1</td> </tr> <tr> <td>L:</td> <td>100 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>390 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.82 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>1 A</td> </tr> </tbody> </table>		Performance		744 778 310 1		L:	100 $\mu$ H	R <sub>DC typ.</sub> :	390 m $\Omega$	I <sub>R</sub> :	0.82 A	I <sub>SAT</sub> :	1 A												
744 778 002																																																																																													
L:	2.2 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	14 m $\Omega$																																																																																												
I <sub>R</sub> :	4.02 A																																																																																												
I <sub>SAT</sub> :	4.8 A																																																																																												
744 778 147																																																																																													
L:	47 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	315 m $\Omega$																																																																																												
I <sub>R</sub> :	1.22 A																																																																																												
I <sub>SAT</sub> :	1.15 A																																																																																												
Robust																																																																																													
744 778 911 5																																																																																													
L:	15 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	100 m $\Omega$																																																																																												
I <sub>R</sub> :	1.51 A																																																																																												
I <sub>SAT</sub> :	1.75 A																																																																																												
Robust																																																																																													
744 778 924																																																																																													
L:	470 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	2600 m $\Omega$																																																																																												
I <sub>R</sub> :	0.3 A																																																																																												
I <sub>SAT</sub> :	0.31 A																																																																																												
Performance																																																																																													
744 778 304 7																																																																																													
L:	4.7 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	27 m $\Omega$																																																																																												
I <sub>R</sub> :	3.3 A																																																																																												
I <sub>SAT</sub> :	4.6 A																																																																																												
Performance																																																																																													
744 778 310 1																																																																																													
L:	100 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	390 m $\Omega$																																																																																												
I <sub>R</sub> :	0.82 A																																																																																												
I <sub>SAT</sub> :	1 A																																																																																												
<table border="1"> <thead> <tr> <th colspan="2">744 778 004</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>4.7 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>4.2 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>2.32 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>4.2 A</td> </tr> </tbody> </table>		744 778 004		L:	4.7 $\mu$ H	R <sub>DC typ.</sub> :	4.2 m $\Omega$	I <sub>R</sub> :	2.32 A	I <sub>SAT</sub> :	4.2 A	<table border="1"> <thead> <tr> <th colspan="2">744 778 20</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>100 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>580 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.62 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>0.76 A</td> </tr> </tbody> </table>		744 778 20		L:	100 $\mu$ H	R <sub>DC typ.</sub> :	580 m $\Omega$	I <sub>R</sub> :	0.62 A	I <sub>SAT</sub> :	0.76 A	<table border="1"> <thead> <tr> <th colspan="2">Robust</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 900 1</td> </tr> <tr> <td>L:</td> <td>1 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>10 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>5.37 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>6.4 A</td> </tr> </tbody> </table>		Robust		744 778 900 1		L:	1 $\mu$ H	R <sub>DC typ.</sub> :	10 m $\Omega$	I <sub>R</sub> :	5.37 A	I <sub>SAT</sub> :	6.4 A	<table border="1"> <thead> <tr> <th colspan="2">Robust</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 912 2</td> </tr> <tr> <td>L:</td> <td>22 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>119 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>1.38 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>1.4 A</td> </tr> </tbody> </table>		Robust		744 778 912 2		L:	22 $\mu$ H	R <sub>DC typ.</sub> :	119 m $\Omega$	I <sub>R</sub> :	1.38 A	I <sub>SAT</sub> :	1.4 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 310 0</td> </tr> <tr> <td>L:</td> <td>10 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>56 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>2.2 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>3.1 A</td> </tr> </tbody> </table>		Performance		744 778 310 0		L:	10 $\mu$ H	R <sub>DC typ.</sub> :	56 m $\Omega$	I <sub>R</sub> :	2.2 A	I <sub>SAT</sub> :	3.1 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 322 1</td> </tr> <tr> <td>L:</td> <td>220 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>870 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.54 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>0.69 A</td> </tr> </tbody> </table>		Performance		744 778 322 1		L:	220 $\mu$ H	R <sub>DC typ.</sub> :	870 m $\Omega$	I <sub>R</sub> :	0.54 A	I <sub>SAT</sub> :	0.69 A														
744 778 004																																																																																													
L:	4.7 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	4.2 m $\Omega$																																																																																												
I <sub>R</sub> :	2.32 A																																																																																												
I <sub>SAT</sub> :	4.2 A																																																																																												
744 778 20																																																																																													
L:	100 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	580 m $\Omega$																																																																																												
I <sub>R</sub> :	0.62 A																																																																																												
I <sub>SAT</sub> :	0.76 A																																																																																												
Robust																																																																																													
744 778 900 1																																																																																													
L:	1 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	10 m $\Omega$																																																																																												
I <sub>R</sub> :	5.37 A																																																																																												
I <sub>SAT</sub> :	6.4 A																																																																																												
Robust																																																																																													
744 778 912 2																																																																																													
L:	22 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	119 m $\Omega$																																																																																												
I <sub>R</sub> :	1.38 A																																																																																												
I <sub>SAT</sub> :	1.4 A																																																																																												
Performance																																																																																													
744 778 310 0																																																																																													
L:	10 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	56 m $\Omega$																																																																																												
I <sub>R</sub> :	2.2 A																																																																																												
I <sub>SAT</sub> :	3.1 A																																																																																												
Performance																																																																																													
744 778 322 1																																																																																													
L:	220 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	870 m $\Omega$																																																																																												
I <sub>R</sub> :	0.54 A																																																																																												
I <sub>SAT</sub> :	0.69 A																																																																																												
<table border="1"> <thead> <tr> <th colspan="2">744 778 10</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>10 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>68 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>1.83 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>2.2 A</td> </tr> </tbody> </table>		744 778 10		L:	10 $\mu$ H	R <sub>DC typ.</sub> :	68 m $\Omega$	I <sub>R</sub> :	1.83 A	I <sub>SAT</sub> :	2.2 A	<table border="1"> <thead> <tr> <th colspan="2">744 778 222</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>220 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>1220 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.43 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>0.42 A</td> </tr> </tbody> </table>		744 778 222		L:	220 $\mu$ H	R <sub>DC typ.</sub> :	1220 m $\Omega$	I <sub>R</sub> :	0.43 A	I <sub>SAT</sub> :	0.42 A	<table border="1"> <thead> <tr> <th colspan="2">Robust</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 900 2</td> </tr> <tr> <td>L:</td> <td>2.2 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>19 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>4.02 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>4.8 A</td> </tr> </tbody> </table>		Robust		744 778 900 2		L:	2.2 $\mu$ H	R <sub>DC typ.</sub> :	19 m $\Omega$	I <sub>R</sub> :	4.02 A	I <sub>SAT</sub> :	4.8 A	<table border="1"> <thead> <tr> <th colspan="2">Robust</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 914 7</td> </tr> <tr> <td>L:</td> <td>47 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>315 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.85 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>1 A</td> </tr> </tbody> </table>		Robust		744 778 914 7		L:	47 $\mu$ H	R <sub>DC typ.</sub> :	315 m $\Omega$	I <sub>R</sub> :	0.85 A	I <sub>SAT</sub> :	1 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 315 0</td> </tr> <tr> <td>L:</td> <td>15 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>68 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>2 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>2.5 A</td> </tr> </tbody> </table>		Performance		744 778 315 0		L:	15 $\mu$ H	R <sub>DC typ.</sub> :	68 m $\Omega$	I <sub>R</sub> :	2 A	I <sub>SAT</sub> :	2.5 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 347 1</td> </tr> <tr> <td>L:</td> <td>470 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>1780 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.37 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>0.47 A</td> </tr> </tbody> </table>		Performance		744 778 347 1		L:	470 $\mu$ H	R <sub>DC typ.</sub> :	1780 m $\Omega$	I <sub>R</sub> :	0.37 A	I <sub>SAT</sub> :	0.47 A														
744 778 10																																																																																													
L:	10 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	68 m $\Omega$																																																																																												
I <sub>R</sub> :	1.83 A																																																																																												
I <sub>SAT</sub> :	2.2 A																																																																																												
744 778 222																																																																																													
L:	220 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	1220 m $\Omega$																																																																																												
I <sub>R</sub> :	0.43 A																																																																																												
I <sub>SAT</sub> :	0.42 A																																																																																												
Robust																																																																																													
744 778 900 2																																																																																													
L:	2.2 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	19 m $\Omega$																																																																																												
I <sub>R</sub> :	4.02 A																																																																																												
I <sub>SAT</sub> :	4.8 A																																																																																												
Robust																																																																																													
744 778 914 7																																																																																													
L:	47 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	315 m $\Omega$																																																																																												
I <sub>R</sub> :	0.85 A																																																																																												
I <sub>SAT</sub> :	1 A																																																																																												
Performance																																																																																													
744 778 315 0																																																																																													
L:	15 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	68 m $\Omega$																																																																																												
I <sub>R</sub> :	2 A																																																																																												
I <sub>SAT</sub> :	2.5 A																																																																																												
Performance																																																																																													
744 778 347 1																																																																																													
L:	470 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	1780 m $\Omega$																																																																																												
I <sub>R</sub> :	0.37 A																																																																																												
I <sub>SAT</sub> :	0.47 A																																																																																												
<table border="1"> <thead> <tr> <th colspan="2">744 778 115</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>15 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>100 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>1.51 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>1.75 A</td> </tr> </tbody> </table>		744 778 115		L:	15 $\mu$ H	R <sub>DC typ.</sub> :	100 m $\Omega$	I <sub>R</sub> :	1.51 A	I <sub>SAT</sub> :	1.75 A	<table border="1"> <thead> <tr> <th colspan="2">744 778 24</th> </tr> </thead> <tbody> <tr> <td>L:</td> <td>470 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>2600 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.3 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>0.31 A</td> </tr> </tbody> </table>		744 778 24		L:	470 $\mu$ H	R <sub>DC typ.</sub> :	2600 m $\Omega$	I <sub>R</sub> :	0.3 A	I <sub>SAT</sub> :	0.31 A	<table border="1"> <thead> <tr> <th colspan="2">Robust</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 900 4</td> </tr> <tr> <td>L:</td> <td>4.7 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>33 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>2.9 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>3.9 A</td> </tr> </tbody> </table>		Robust		744 778 900 4		L:	4.7 $\mu$ H	R <sub>DC typ.</sub> :	33 m $\Omega$	I <sub>R</sub> :	2.9 A	I <sub>SAT</sub> :	3.9 A	<table border="1"> <thead> <tr> <th colspan="2">Robust</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 920</td> </tr> <tr> <td>L:</td> <td>100 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>585 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.62 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>0.76 A</td> </tr> </tbody> </table>		Robust		744 778 920		L:	100 $\mu$ H	R <sub>DC typ.</sub> :	585 m $\Omega$	I <sub>R</sub> :	0.62 A	I <sub>SAT</sub> :	0.76 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 301 5</td> </tr> <tr> <td>L:</td> <td>1.5 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>12 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>5 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>7.8 A</td> </tr> </tbody> </table>		Performance		744 778 301 5		L:	1.5 $\mu$ H	R <sub>DC typ.</sub> :	12 m $\Omega$	I <sub>R</sub> :	5 A	I <sub>SAT</sub> :	7.8 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 322 0</td> </tr> <tr> <td>L:</td> <td>22 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>90 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>1.75 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>2.15 A</td> </tr> </tbody> </table>		Performance		744 778 322 0		L:	22 $\mu$ H	R <sub>DC typ.</sub> :	90 m $\Omega$	I <sub>R</sub> :	1.75 A	I <sub>SAT</sub> :	2.15 A	<table border="1"> <thead> <tr> <th colspan="2">Performance</th> </tr> </thead> <tbody> <tr> <td colspan="2">744 778 310 2</td> </tr> <tr> <td>L:</td> <td>1000 <math>\mu</math>H</td> </tr> <tr> <td>R<sub>DC typ.</sub>:</td> <td>4000 m<math>\Omega</math></td> </tr> <tr> <td>I<sub>R</sub>:</td> <td>0.23 A</td> </tr> <tr> <td>I<sub>SAT</sub>:</td> <td>0.32 A</td> </tr> </tbody> </table>		Performance		744 778 310 2		L:	1000 $\mu$ H	R <sub>DC typ.</sub> :	4000 m $\Omega$	I <sub>R</sub> :	0.23 A	I <sub>SAT</sub> :	0.32 A
744 778 115																																																																																													
L:	15 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	100 m $\Omega$																																																																																												
I <sub>R</sub> :	1.51 A																																																																																												
I <sub>SAT</sub> :	1.75 A																																																																																												
744 778 24																																																																																													
L:	470 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	2600 m $\Omega$																																																																																												
I <sub>R</sub> :	0.3 A																																																																																												
I <sub>SAT</sub> :	0.31 A																																																																																												
Robust																																																																																													
744 778 900 4																																																																																													
L:	4.7 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	33 m $\Omega$																																																																																												
I <sub>R</sub> :	2.9 A																																																																																												
I <sub>SAT</sub> :	3.9 A																																																																																												
Robust																																																																																													
744 778 920																																																																																													
L:	100 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	585 m $\Omega$																																																																																												
I <sub>R</sub> :	0.62 A																																																																																												
I <sub>SAT</sub> :	0.76 A																																																																																												
Performance																																																																																													
744 778 301 5																																																																																													
L:	1.5 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	12 m $\Omega$																																																																																												
I <sub>R</sub> :	5 A																																																																																												
I <sub>SAT</sub> :	7.8 A																																																																																												
Performance																																																																																													
744 778 322 0																																																																																													
L:	22 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	90 m $\Omega$																																																																																												
I <sub>R</sub> :	1.75 A																																																																																												
I <sub>SAT</sub> :	2.15 A																																																																																												
Performance																																																																																													
744 778 310 2																																																																																													
L:	1000 $\mu$ H																																																																																												
R <sub>DC typ.</sub> :	4000 m $\Omega$																																																																																												
I <sub>R</sub> :	0.23 A																																																																																												
I <sub>SAT</sub> :	0.32 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. ©2023

**ALL PRODUCTS  
EX STOCK!**