

# DESIGN KIT

## WE-PDF SMD Shielded Power Inductor

**SIZE:**

1045 / 1064

**TECHNICAL DATA:**

L: 0.22 ~ 30.00  $\mu$ H  
R<sub>DC</sub>: 6.2 ~ 43.5 m $\Omega$   
I<sub>R</sub>: 3.7 ~ 10.3 A  
I<sub>sat</sub>: 3.1 ~ 30 A

**Order Code 744 779****Version 1.0**

# WE-PDF

## SMD Shielded Power Inductor



### 1045

#### 744 779 702 2

L:	0.22 $\mu$ H
R <sub>DC</sub> :	9.5 m $\Omega$
I <sub>R</sub> :	8.8 A
I <sub>sat</sub> :	22 A

#### 744 779 736 0

L:	3.6 $\mu$ H
R <sub>DC</sub> :	17 m $\Omega$
I <sub>R</sub> :	6.8 A
I <sub>sat</sub> :	9.7 A

#### 744 779 705 0

L:	0.5 $\mu$ H
R <sub>DC</sub> :	11 m $\Omega$
I <sub>R</sub> :	8.5 A
I <sub>sat</sub> :	21 A

#### 744 779 747 0

L:	4.7 $\mu$ H
R <sub>DC</sub> :	23 m $\Omega$
I <sub>R</sub> :	5.8 A
I <sub>sat</sub> :	8 A

#### 744 779 711 0

L:	1.1 $\mu$ H
R <sub>DC</sub> :	12.5 m $\Omega$
I <sub>R</sub> :	7.6 A
I <sub>sat</sub> :	16 A

#### 744 779 762 0

L:	6.2 $\mu$ H
R <sub>DC</sub> :	25 m $\Omega$
I <sub>R</sub> :	5.5 A
I <sub>sat</sub> :	7.5 A

#### 744 779 718 0

L:	1.8 $\mu$ H
R <sub>DC</sub> :	13 m $\Omega$
I <sub>R</sub> :	7.3 A
I <sub>sat</sub> :	13.3 A

#### 744 779 782 0

L:	8.2 $\mu$ H
R <sub>DC</sub> :	30 m $\Omega$
I <sub>R</sub> :	4.8 A
I <sub>sat</sub> :	5.8 A

#### 744 779 725 0

L:	2.5 $\mu$ H
R <sub>DC</sub> :	10.2 m $\Omega$
I <sub>R</sub> :	8.4 A
I <sub>sat</sub> :	10.5 A

### 1064

#### 744 779 802 2

L:	0.22 $\mu$ H
R <sub>DC</sub> :	6.2 m $\Omega$
I <sub>R</sub> :	10.3 A
I <sub>sat</sub> :	30 A

#### 744 779 836 0

L:	3.6 $\mu$ H
R <sub>DC</sub> :	9.8 m $\Omega$
I <sub>R</sub> :	7.9 A
I <sub>sat</sub> :	8.6 A

#### 744 779 811 1

L:	11 $\mu$ H
R <sub>DC</sub> :	18.9 m $\Omega$
I <sub>R</sub> :	5.8 A
I <sub>sat</sub> :	5.1 A

#### 744 779 824 1

L:	24 $\mu$ H
R <sub>DC</sub> :	38 m $\Omega$
I <sub>R</sub> :	4 A
I <sub>sat</sub> :	3.55 A

#### 744 779 805 0

L:	0.5 $\mu$ H
R <sub>DC</sub> :	6.6 m $\Omega$
I <sub>R</sub> :	9.5 A
I <sub>sat</sub> :	23 A

#### 744 779 847 0

L:	4.7 $\mu$ H
R <sub>DC</sub> :	11.7 m $\Omega$
I <sub>R</sub> :	7.5 A
I <sub>sat</sub> :	7.6 A

#### 744 779 813 1

L:	13 $\mu$ H
R <sub>DC</sub> :	24 m $\Omega$
I <sub>R</sub> :	5.2 A
I <sub>sat</sub> :	4.5 A

#### 744 779 827 1

L:	27 $\mu$ H
R <sub>DC</sub> :	40.5 m $\Omega$
I <sub>R</sub> :	3.9 A
I <sub>sat</sub> :	3.4 A

#### 744 779 811 0

L:	1.1 $\mu$ H
R <sub>DC</sub> :	7.6 m $\Omega$
I <sub>R</sub> :	9.25 A
I <sub>sat</sub> :	16 A

#### 744 779 862 0

L:	6.2 $\mu$ H
R <sub>DC</sub> :	13 m $\Omega$
I <sub>R</sub> :	7 A
I <sub>sat</sub> :	6.7 A

#### 744 779 815 1

L:	15 $\mu$ H
R <sub>DC</sub> :	25.6 m $\Omega$
I <sub>R</sub> :	4.9 A
I <sub>sat</sub> :	4.25 A

#### 744 779 818 0

L:	1.8 $\mu$ H
R <sub>DC</sub> :	8.5 m $\Omega$
I <sub>R</sub> :	9 A
I <sub>sat</sub> :	12.8 A

#### 744 779 872 0

L:	7.2 $\mu$ H
R <sub>DC</sub> :	15.9 m $\Omega$
I <sub>R</sub> :	6.5 A
I <sub>sat</sub> :	6 A

#### 744 779 818 1

L:	18 $\mu$ H
R <sub>DC</sub> :	27.5 m $\Omega$
I <sub>R</sub> :	4.7 A
I <sub>sat</sub> :	4 A

#### 744 779 825 0

L:	2.5 $\mu$ H
R <sub>DC</sub> :	9.1 m $\Omega$
I <sub>R</sub> :	8.6 A
I <sub>sat</sub> :	10.1 A

#### 744 779 891 0

L:	9.1 $\mu$ H
R <sub>DC</sub> :	17.2 m $\Omega$
I <sub>R</sub> :	6.2 A
I <sub>sat</sub> :	5.6 A

#### 744 779 822 1

L:	22 $\mu$ H
R <sub>DC</sub> :	35.6 m $\Omega$
I <sub>R</sub> :	4.1 A
I <sub>sat</sub> :	3.75 A

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