

# WE-TDC

## SMD Coupled Inductor



### 8018

#### 744 894 300 033

|                    |               |
|--------------------|---------------|
| L:                 | 0.33 $\mu$ H  |
| R <sub>DC</sub> :  | 15 m $\Omega$ |
| I <sub>R</sub> :   | 4 A           |
| I <sub>sat</sub> : | 9 A           |

#### 744 894 300 068

|                    |               |
|--------------------|---------------|
| L:                 | 0.68 $\mu$ H  |
| R <sub>DC</sub> :  | 21 m $\Omega$ |
| I <sub>R</sub> :   | 3.3 A         |
| I <sub>sat</sub> : | 6.5 A         |

#### 744 894 300 10

|                    |               |
|--------------------|---------------|
| L:                 | 1 $\mu$ H     |
| R <sub>DC</sub> :  | 28 m $\Omega$ |
| I <sub>R</sub> :   | 2.85 A        |
| I <sub>sat</sub> : | 5.1 A         |

#### 744 894 300 22

|                    |               |
|--------------------|---------------|
| L:                 | 2.2 $\mu$ H   |
| R <sub>DC</sub> :  | 58 m $\Omega$ |
| I <sub>R</sub> :   | 1.9 A         |
| I <sub>sat</sub> : | 3.5 A         |

#### 744 894 300 27

|                    |                 |
|--------------------|-----------------|
| L:                 | 2.7 $\mu$ H     |
| R <sub>DC</sub> :  | 80.5 m $\Omega$ |
| I <sub>R</sub> :   | 1.85 A          |
| I <sub>sat</sub> : | 3.00 A          |

#### 744 894 300 39

|                    |               |
|--------------------|---------------|
| L:                 | 3.9 $\mu$ H   |
| R <sub>DC</sub> :  | 94 m $\Omega$ |
| I <sub>R</sub> :   | 1.6 A         |
| I <sub>sat</sub> : | 2.55 A        |

#### 744 894 300 56

|                    |                |
|--------------------|----------------|
| L:                 | 5.6 $\mu$ H    |
| R <sub>DC</sub> :  | 131 m $\Omega$ |
| I <sub>R</sub> :   | 1.45 A         |
| I <sub>sat</sub> : | 2.2 A          |

#### 744 894 300 68

|                    |                |
|--------------------|----------------|
| L:                 | 6.8 $\mu$ H    |
| R <sub>DC</sub> :  | 146 m $\Omega$ |
| I <sub>R</sub> :   | 1.25 A         |
| I <sub>sat</sub> : | 2 A            |

#### 744 894 301 00

|                    |                |
|--------------------|----------------|
| L:                 | 10 $\mu$ H     |
| R <sub>DC</sub> :  | 215 m $\Omega$ |
| I <sub>R</sub> :   | 1 A            |
| I <sub>sat</sub> : | 1.65 A         |

#### 744 894 301 20

|                    |                |
|--------------------|----------------|
| L:                 | 12 $\mu$ H     |
| R <sub>DC</sub> :  | 227 m $\Omega$ |
| I <sub>R</sub> :   | 0.95 A         |
| I <sub>sat</sub> : | 1.55 A         |

#### 744 894 301 50

|                    |                |
|--------------------|----------------|
| L:                 | 15 $\mu$ H     |
| R <sub>DC</sub> :  | 308 m $\Omega$ |
| I <sub>R</sub> :   | 0.85 A         |
| I <sub>sat</sub> : | 1.25 A         |

#### 744 894 301 80

|                    |                |
|--------------------|----------------|
| L:                 | 18 $\mu$ H     |
| R <sub>DC</sub> :  | 380 m $\Omega$ |
| I <sub>R</sub> :   | 0.8 A          |
| I <sub>sat</sub> : | 1.2 A          |

#### 744 894 302 20

|                    |                |
|--------------------|----------------|
| L:                 | 22 $\mu$ H     |
| R <sub>DC</sub> :  | 480 m $\Omega$ |
| I <sub>R</sub> :   | 0.7 A          |
| I <sub>sat</sub> : | 1.1 A          |

### 8038

#### 744 894 400 039

|                    |                 |
|--------------------|-----------------|
| L:                 | 0.39 $\mu$ H    |
| R <sub>DC</sub> :  | 14.5 m $\Omega$ |
| I <sub>R</sub> :   | 4.5 A           |
| I <sub>sat</sub> : | 14 A            |

#### 744 894 400 082

|                    |               |
|--------------------|---------------|
| L:                 | 0.82 $\mu$ H  |
| R <sub>DC</sub> :  | 20 m $\Omega$ |
| I <sub>R</sub> :   | 3.5 A         |
| I <sub>sat</sub> : | 9.6 A         |

#### 744 894 400 12

|                    |               |
|--------------------|---------------|
| L:                 | 1.2 $\mu$ H   |
| R <sub>DC</sub> :  | 26 m $\Omega$ |
| I <sub>R</sub> :   | 3.05 A        |
| I <sub>sat</sub> : | 7.5 A         |

#### 744 894 400 18

|                    |               |
|--------------------|---------------|
| L:                 | 1.8 $\mu$ H   |
| R <sub>DC</sub> :  | 31 m $\Omega$ |
| I <sub>R</sub> :   | 2.85 A        |
| I <sub>sat</sub> : | 5.8 A         |

#### 744 894 400 47

|                    |               |
|--------------------|---------------|
| L:                 | 4.7 $\mu$ H   |
| R <sub>DC</sub> :  | 64 m $\Omega$ |
| I <sub>R</sub> :   | 1.85 A        |
| I <sub>sat</sub> : | 4.2 A         |

#### 744 894 400 68

|                    |                |
|--------------------|----------------|
| L:                 | 6.8 $\mu$ H    |
| R <sub>DC</sub> :  | 100 m $\Omega$ |
| I <sub>R</sub> :   | 1.45 A         |
| I <sub>sat</sub> : | 3.2 A          |

#### 744 894 401 00

|                    |                |
|--------------------|----------------|
| L:                 | 10 $\mu$ H     |
| R <sub>DC</sub> :  | 128 m $\Omega$ |
| I <sub>R</sub> :   | 1.35 A         |
| I <sub>sat</sub> : | 2.6 A          |

#### 744 894 401 20

|                    |                |
|--------------------|----------------|
| L:                 | 12 $\mu$ H     |
| R <sub>DC</sub> :  | 132 m $\Omega$ |
| I <sub>R</sub> :   | 1.3 A          |
| I <sub>sat</sub> : | 2.3 A          |

#### 744 894 401 50

|                    |                |
|--------------------|----------------|
| L:                 | 15 $\mu$ H     |
| R <sub>DC</sub> :  | 185 m $\Omega$ |
| I <sub>R</sub> :   | 1.1 A          |
| I <sub>sat</sub> : | 2.2 A          |

#### 744 894 401 80

|                    |                |
|--------------------|----------------|
| L:                 | 18 $\mu$ H     |
| R <sub>DC</sub> :  | 201 m $\Omega$ |
| I <sub>R</sub> :   | 1.05 A         |
| I <sub>sat</sub> : | 1.9 A          |

#### 744 894 402 20

|                    |                |
|--------------------|----------------|
| L:                 | 22 $\mu$ H     |
| R <sub>DC</sub> :  | 228 m $\Omega$ |
| I <sub>R</sub> :   | 1 A            |
| I <sub>sat</sub> : | 1.8 A          |

EMC COMPONENTS | INDUCTORS | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | POWER ELEMENTS

**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. © 2011

[www.we-online.com](http://www.we-online.com)

All products  
in stock!