

DESIGN KIT

WE-TDC SMD Coupled Inductor

**SIZE:**

8018 / 8038

TECHNICAL DATA:

L: 0.33 - 22 μ H
 R_{DC} : 11.1 - 435 m Ω
 I_R : 0.7 - 4.5 A
 I_{sat} : 1.1 - 14 A

Order Code 744 894**Version 1.0**

WE-TDC

SMD Coupled Inductor



8018

744 894 300 033

| | |
|--------------------|---------------------|
| L: | 0.33 μH |
| R_{DC} : | 15 $\text{m}\Omega$ |
| I_{R} : | 4 A |
| I_{sat} : | 9 A |

744 894 300 068

| | |
|--------------------|---------------------|
| L: | 0.68 μH |
| R_{DC} : | 21 $\text{m}\Omega$ |
| I_{R} : | 3.3 A |
| I_{sat} : | 6.5 A |

744 894 300 10

| | |
|--------------------|---------------------|
| L: | 1 μH |
| R_{DC} : | 28 $\text{m}\Omega$ |
| I_{R} : | 2.85 A |
| I_{sat} : | 5.1 A |

744 894 300 22

| | |
|--------------------|---------------------|
| L: | 2.2 μH |
| R_{DC} : | 58 $\text{m}\Omega$ |
| I_{R} : | 1.9 A |
| I_{sat} : | 3.5 A |

744 894 300 27

| | |
|--------------------|-----------------------|
| L: | 2.7 μH |
| R_{DC} : | 80.5 $\text{m}\Omega$ |
| I_{R} : | 1.85 A |
| I_{sat} : | 3.00 A |

744 894 300 39

| | |
|--------------------|---------------------|
| L: | 3.9 μH |
| R_{DC} : | 94 $\text{m}\Omega$ |
| I_{R} : | 1.6 A |
| I_{sat} : | 2.55 A |

744 894 300 56

| | |
|--------------------|----------------------|
| L: | 5.6 μH |
| R_{DC} : | 131 $\text{m}\Omega$ |
| I_{R} : | 1.45 A |
| I_{sat} : | 2.2 A |

744 894 300 68

| | |
|--------------------|----------------------|
| L: | 6.8 μH |
| R_{DC} : | 146 $\text{m}\Omega$ |
| I_{R} : | 1.25 A |
| I_{sat} : | 2 A |

744 894 301 00

| | |
|--------------------|----------------------|
| L: | 10 μH |
| R_{DC} : | 215 $\text{m}\Omega$ |
| I_{R} : | 1 A |
| I_{sat} : | 1.65 A |

744 894 301 20

| | |
|--------------------|----------------------|
| L: | 12 μH |
| R_{DC} : | 227 $\text{m}\Omega$ |
| I_{R} : | 0.95 A |
| I_{sat} : | 1.55 A |

744 894 301 50

| | |
|--------------------|----------------------|
| L: | 15 μH |
| R_{DC} : | 308 $\text{m}\Omega$ |
| I_{R} : | 0.85 A |
| I_{sat} : | 1.25 A |

744 894 301 80

| | |
|--------------------|----------------------|
| L: | 18 μH |
| R_{DC} : | 380 $\text{m}\Omega$ |
| I_{R} : | 0.8 A |
| I_{sat} : | 1.2 A |

744 894 302 20

| | |
|--------------------|----------------------|
| L: | 22 μH |
| R_{DC} : | 480 $\text{m}\Omega$ |
| I_{R} : | 0.7 A |
| I_{sat} : | 1.1 A |

8038

744 894 400 039

| | |
|--------------------|-----------------------|
| L: | 0.39 μH |
| R_{DC} : | 14.5 $\text{m}\Omega$ |
| I_{R} : | 4.5 A |
| I_{sat} : | 14 A |

744 894 400 082

| | |
|--------------------|---------------------|
| L: | 0.82 μH |
| R_{DC} : | 20 $\text{m}\Omega$ |
| I_{R} : | 3.5 A |
| I_{sat} : | 9.6 A |

744 894 400 12

| | |
|--------------------|---------------------|
| L: | 1.2 μH |
| R_{DC} : | 26 $\text{m}\Omega$ |
| I_{R} : | 3.05 A |
| I_{sat} : | 7.5 A |

744 894 400 18

| | |
|--------------------|---------------------|
| L: | 1.8 μH |
| R_{DC} : | 31 $\text{m}\Omega$ |
| I_{R} : | 2.85 A |
| I_{sat} : | 5.8 A |

744 894 400 47

| | |
|--------------------|---------------------|
| L: | 4.7 μH |
| R_{DC} : | 64 $\text{m}\Omega$ |
| I_{R} : | 1.85 A |
| I_{sat} : | 4.2 A |

744 894 400 68

| | |
|--------------------|----------------------|
| L: | 6.8 μH |
| R_{DC} : | 100 $\text{m}\Omega$ |
| I_{R} : | 1.45 A |
| I_{sat} : | 3.2 A |

744 894 401 00

| | |
|--------------------|----------------------|
| L: | 10 μH |
| R_{DC} : | 128 $\text{m}\Omega$ |
| I_{R} : | 1.35 A |
| I_{sat} : | 2.6 A |

744 894 401 20

| | |
|--------------------|----------------------|
| L: | 12 μH |
| R_{DC} : | 132 $\text{m}\Omega$ |
| I_{R} : | 1.3 A |
| I_{sat} : | 2.3 A |

744 894 401 50

| | |
|--------------------|----------------------|
| L: | 15 μH |
| R_{DC} : | 185 $\text{m}\Omega$ |
| I_{R} : | 1.1 A |
| I_{sat} : | 2.2 A |

744 894 401 80

| | |
|--------------------|----------------------|
| L: | 18 μH |
| R_{DC} : | 201 $\text{m}\Omega$ |
| I_{R} : | 1.05 A |
| I_{sat} : | 1.9 A |

744 894 402 20

| | |
|--------------------|----------------------|
| L: | 22 μH |
| R_{DC} : | 228 $\text{m}\Omega$ |
| I_{R} : | 1 A |
| I_{sat} : | 1.8 A |

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

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