

DESIGN KIT

WE-PD2 SMD Power Inductor

**SIZE:**

4532 / 5820 / 5848

TECHNICAL DATA:

L: 0.56 ~ 220 μ H
R_{DC}: 7.8 ~ 945 m Ω
I_R: 0.42 ~ 6.5 A
I_{sat}: 0.47 ~ 8.2 A

Order Code 744 773**Version 1.0**

WE-PD2 SMD Power Inductor



| | |
|---------------------------|---------------------------------|
| 4532 | 744 773 0 |
| | L: 1 μ H |
| | R _{DC} : 14 m Ω |
| | I _R : 4 A |
| I _{sat} : 5.72 A | |

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|---------------------------|----------------------------------|
| 4532 | 744 773 122 |
| | L: 22 μ H |
| | R _{DC} : 261 m Ω |
| | I _R : 1 A |
| I _{sat} : 1.22 A | |

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|--------------------------|---------------------------------|
| 5820 | 744 774 502 2 |
| | L: 2.2 μ H |
| | R _{DC} : 30 m Ω |
| | I _R : 3.6 A |
| I _{sat} : 3.5 A | |

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|--------------------------|----------------------------------|
| 5820 | 744 774 533 0 |
| | L: 33 μ H |
| | R _{DC} : 480 m Ω |
| | I _R : 0.9 A |
| I _{sat} : 0.9 A | |

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|--------------------------|----------------------------------|
| 5848 | 744 774 127 |
| | L: 27 μ H |
| | R _{DC} : 133 m Ω |
| | I _R : 1.19 A |
| I _{sat} : 1.4 A | |

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|---------------------------|---------------------------------|
| 4532 | 744 773 022 |
| | L: 2.2 μ H |
| | R _{DC} : 34 m Ω |
| | I _R : 2.5 A |
| I _{sat} : 3.38 A | |

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|--------------------------|----------------------------------|
| 4532 | 744 773 133 |
| | L: 33 μ H |
| | R _{DC} : 370 m Ω |
| | I _R : 0.86 A |
| I _{sat} : 0.9 A | |

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|------------------------|---------------------------------|
| 5820 | 744 774 503 3 |
| | L: 3.3 μ H |
| | R _{DC} : 41 m Ω |
| | I _R : 3 A |
| I _{sat} : 3 A | |

| | |
|--------------------------|---------------------------------|
| 5820 | 744 774 022 |
| | L: 2.2 μ H |
| | R _{DC} : 26 m Ω |
| | I _R : 4.6 A |
| I _{sat} : 8.2 A | |

| | |
|---------------------------|----------------------------------|
| 5848 | 744 774 133 |
| | L: 33 μ H |
| | R _{DC} : 150 m Ω |
| | I _R : 1.09 A |
| I _{sat} : 1.17 A | |

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|---------------------------|---------------------------------|
| 4532 | 744 773 033 |
| | L: 3.3 μ H |
| | R _{DC} : 41 m Ω |
| | I _R : 2 A |
| I _{sat} : 2.88 A | |

| | |
|---------------------------|----------------------------------|
| 4532 | 744 773 147 |
| | L: 47 μ H |
| | R _{DC} : 523 m Ω |
| | I _R : 0.68 A |
| I _{sat} : 0.77 A | |

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|--------------------------|---------------------------------|
| 5820 | 744 774 503 9 |
| | L: 3.9 μ H |
| | R _{DC} : 47 m Ω |
| | I _R : 2.8 A |
| I _{sat} : 2.6 A | |

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|--------------------------|---------------------------------|
| 5820 | 744 774 047 |
| | L: 4.7 μ H |
| | R _{DC} : 56 m Ω |
| | I _R : 3 A |
| I _{sat} : 5.5 A | |

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|------------------------|----------------------------------|
| 5848 | 744 774 147 |
| | L: 47 μ H |
| | R _{DC} : 260 m Ω |
| | I _R : 0.86 A |
| I _{sat} : 1 A | |

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|---------------------------|---------------------------------|
| 4532 | 744 773 047 |
| | L: 4.7 μ H |
| | R _{DC} : 59 m Ω |
| | I _R : 1.82 A |
| I _{sat} : 2.46 A | |

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|---------------------------|----------------------------------|
| 4532 | 744 773 168 |
| | L: 68 μ H |
| | R _{DC} : 754 m Ω |
| | I _R : 0.56 A |
| I _{sat} : 0.68 A | |

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|--------------------------|---------------------------------|
| 5820 | 744 774 504 7 |
| | L: 4.7 μ H |
| | R _{DC} : 57 m Ω |
| | I _R : 2.5 A |
| I _{sat} : 2.4 A | |

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|------------------------|---------------------------------|
| 5820 | 744 774 068 |
| | L: 6.8 μ H |
| | R _{DC} : 71 m Ω |
| | I _R : 2.4 A |
| I _{sat} : 5 A | |

| | |
|---------------------------|----------------------------------|
| 5848 | 744 774 168 |
| | L: 68 μ H |
| | R _{DC} : 313 m Ω |
| | I _R : 0.64 A |
| I _{sat} : 0.86 A | |

| | |
|--------------------------|---------------------------------|
| 4532 | 744 773 068 |
| | L: 6.8 μ H |
| | R _{DC} : 76 m Ω |
| | I _R : 1.54 A |
| I _{sat} : 2.1 A | |

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|--------------------------|----------------------------------|
| 4532 | 744 774 500 56 |
| | L: 0.56 μ H |
| | R _{DC} : 7.8 m Ω |
| | I _R : 6.5 A |
| I _{sat} : 6.5 A | |

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|------------------------|---------------------------------|
| 5820 | 744 774 506 2 |
| | L: 6.2 μ H |
| | R _{DC} : 80 m Ω |
| | I _R : 2.1 A |
| I _{sat} : 2 A | |

| | |
|--------------------------|---------------------------------|
| 5820 | 744 774 10 |
| | L: 10 μ H |
| | R _{DC} : 78 m Ω |
| | I _R : 2.2 A |
| I _{sat} : 2.5 A | |

| | |
|---------------------------|----------------------------------|
| 5848 | 744 774 20 |
| | L: 100 μ H |
| | R _{DC} : 510 m Ω |
| | I _R : 0.57 A |
| I _{sat} : 0.68 A | |

| | |
|---------------------------|----------------------------------|
| 4532 | 744 773 10 |
| | L: 10 μ H |
| | R _{DC} : 118 m Ω |
| | I _R : 1.45 A |
| I _{sat} : 1.74 A | |

| | |
|--------------------------|---------------------------------|
| 4532 | 744 774 500 82 |
| | L: 0.82 μ H |
| | R _{DC} : 12 m Ω |
| | I _R : 5.4 A |
| I _{sat} : 5.8 A | |

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|--------------------------|---------------------------------|
| 5820 | 744 774 507 6 |
| | L: 7.6 μ H |
| | R _{DC} : 95 m Ω |
| | I _R : 1.9 A |
| I _{sat} : 1.8 A | |

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|--------------------------|---------------------------------|
| 5820 | 744 774 115 |
| | L: 15 μ H |
| | R _{DC} : 89 m Ω |
| | I _R : 1.53 A |
| I _{sat} : 1.9 A | |

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|---------------------------|----------------------------------|
| 5848 | 744 774 215 |
| | L: 150 μ H |
| | R _{DC} : 720 m Ω |
| | I _R : 0.46 A |
| I _{sat} : 0.54 A | |

| | |
|---------------------------|----------------------------------|
| 4532 | 744 773 115 |
| | L: 15 μ H |
| | R _{DC} : 204 m Ω |
| | I _R : 1.2 A |
| I _{sat} : 1.46 A | |

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|--------------------------|---------------------------------|
| 4532 | 744 774 501 7 |
| | L: 1.7 μ H |
| | R _{DC} : 23 m Ω |
| | I _R : 4 A |
| I _{sat} : 3.6 A | |

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|--------------------------|----------------------------------|
| 5820 | 744 774 510 0 |
| | L: 10 μ H |
| | R _{DC} : 120 m Ω |
| | I _R : 1.7 A |
| I _{sat} : 1.6 A | |

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|---------------------------|----------------------------------|
| 5820 | 744 774 122 |
| | L: 22 μ H |
| | R _{DC} : 109 m Ω |
| | I _R : 1.28 A |
| I _{sat} : 1.53 A | |

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|---------------------------|----------------------------------|
| 5848 | 744 774 222 |
| | L: 220 μ H |
| | R _{DC} : 945 m Ω |
| | I _R : 0.42 A |
| I _{sat} : 0.47 A | |

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

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