

DESIGN KIT

WE-TPC SMD Shielded Tiny Power Inductor

**SIZE:**

4828 / 5818 / 5828

TECHNICAL DATA:

L:	1.2 ~ 22 μ H
DCR:	17 ~ 155 m Ω
I _R :	0.925 ~ 3.1 A
I _{sat} :	0.7 ~ 3.5 A

Order Code 744 043**Version 1.0**

WE-TPC

SMD Shielded Tiny Power Inductor



4828 (4.8 x 4.8 x 2.8)

744 043 001 2

L:	1.2 μH
DCR:	17 $\text{m}\Omega$
I_R :	3.1 A
I_{sat} :	2.8 A

744 043 001 8

L:	1.8 μH
DCR:	20 $\text{m}\Omega$
I_R :	2.7 A
I_{sat} :	2.45 A

744 043 002 2

L:	2.2 μH
DCR:	23 $\text{m}\Omega$
I_R :	2.5 A
I_{sat} :	2.35 A

744 043 002 7

L:	2.7 μH
DCR:	27 $\text{m}\Omega$
I_R :	2.35 A
I_{sat} :	1.95 A

744 043 003

L:	3.3 μH
DCR:	30 $\text{m}\Omega$
I_R :	2.15 A
I_{sat} :	1.8 A

744 043 003 9

L:	3.9 μH
DCR:	47 $\text{m}\Omega$
I_R :	1.72 A
I_{sat} :	1.65 A

744 043 004

L:	4.7 μH
DCR:	52 $\text{m}\Omega$
I_R :	1.55 A
I_{sat} :	1.7 A

744 043 005

L:	5.6 μH
DCR:	80 $\text{m}\Omega$
I_R :	1.38 A
I_{sat} :	1.3 A

744 043 006

L:	6.8 μH
DCR:	80 $\text{m}\Omega$
I_R :	1.3 A
I_{sat} :	1.25 A

744 043 008

L:	8.2 μH
DCR:	85 $\text{m}\Omega$
I_R :	1.25 A
I_{sat} :	1.05 A

744 043 100

L:	10 μH
DCR:	95 $\text{m}\Omega$
I_R :	1.19 A
I_{sat} :	1 A

744 043 120

L:	12 μH
DCR:	108 $\text{m}\Omega$
I_R :	1.12 A
I_{sat} :	0.95 A

744 043 150

L:	15 μH
DCR:	124 $\text{m}\Omega$
I_R :	0.103 A
I_{sat} :	0.75 A

744 043 180

L:	18 μH
DCR:	138 $\text{m}\Omega$
I_R :	0.98 A
I_{sat} :	0.7 A

744 043 220

L:	22 μH
DCR:	155 $\text{m}\Omega$
I_R :	0.925 A
I_{sat} :	0.7 A

5818 (5.8 x 5.8 x 1.8)

744 052 001 2

L:	1.2 μH
DCR:	20 $\text{m}\Omega$
I_R :	3 A
I_{sat} :	3.5 A

744 052 001 8

L:	1.8 μH
DCR:	24 $\text{m}\Omega$
I_R :	2.6 A
I_{sat} :	3 A

744 052 002

L:	2.5 μH
DCR:	30 $\text{m}\Omega$
I_R :	2.4 A
I_{sat} :	2.7 A

744 052 003

L:	3 μH
DCR:	35 $\text{m}\Omega$
I_R :	2.2 A
I_{sat} :	2.4 A

744 052 003 9

L:	3.9 μH
DCR:	47 $\text{m}\Omega$
I_R :	2 A
I_{sat} :	2.1 A

744 052 005

L:	5 μH
DCR:	47 $\text{m}\Omega$
I_R :	1.65 A
I_{sat} :	1.8 A

744 052 006

L:	6.2 μH
DCR:	60 $\text{m}\Omega$
I_R :	1.45 A
I_{sat} :	1.60 A

744 052 007

L:	7.5 μH
DCR:	70 $\text{m}\Omega$
I_R :	1.35 A
I_{sat} :	1.5 A

744 052 009

L:	9 μH
DCR:	95 $\text{m}\Omega$
I_R :	1.25 A
I_{sat} :	1.35 A

744 052 100

L:	10 μH
DCR:	106 $\text{m}\Omega$
I_R :	1.1 A
I_{sat} :	1.25 A

5828 (5.8 x 5.8 x 2.8)

744 053 002

L:	2.6 μH
DCR:	22 $\text{m}\Omega$
I_R :	3 A
I_{sat} :	2.7 A

744 053 003

L:	3 μH
DCR:	24 $\text{m}\Omega$
I_R :	2.8 A
I_{sat} :	2.5 A

744 053 004

L:	4 μH
DCR:	30 $\text{m}\Omega$
I_R :	2.5 A
I_{sat} :	2.2 A

744 053 004 7

L:	4.7 μH
DCR:	30 $\text{m}\Omega$
I_R :	2.4 A
I_{sat} :	1.95 A

744 053 005

L:	5.3 μH
DCR:	30 $\text{m}\Omega$
I_R :	2.3 A
I_{sat} :	1.9 A

744 053 006

L:	6.2 μH
DCR:	35 $\text{m}\Omega$
I_R :	2.2 A
I_{sat} :	1.7 A

744 053 008

L:	8.2 μH
DCR:	40 $\text{m}\Omega$
I_R :	2.1 A
I_{sat} :	1.6 A

744 053 100

L:	10 μH
DCR:	50 $\text{m}\Omega$
I_R :	1.5 A
I_{sat} :	1.4 A

744 053 120

L:	12 μH
DCR:	60 $\text{m}\Omega$
I_R :	1.46 A
I_{sat} :	1.25 A

744 053 150

L:	15 μH
DCR:	70 $\text{m}\Omega$
I_R :	1.38 A
I_{sat} :	1.15 A

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

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