

DESIGN KIT

WE-TPC SMD Shielded Tiny Inductor



SIZE:

8012 / 8015 / 8020

TECHNICAL DATA:

L: 0.18 ~ 22 μ H
DCR: 3.51 ~ 302 m Ω
 I_R : 0.9 ~ 8.5 A
 I_{sat} : 0.75 ~ 9 A

Order Code 744 070

Version 1.0

WE-TPC SMD Shielded Tiny Inductor



8012 (8.0 x 8.0 x 1.2)

744 068 001 0

L:	1 μ H
DCR:	32 $m\Omega$
I_{R^*} :	2.8 A
I_{sat} :	3.3 A

744 068 002 7

L:	2.7 μ H
DCR:	52 $m\Omega$
I_{R^*} :	2.2 A
I_{sat} :	1.9 A

744 068 003 3

L:	3.3 μ H
DCR:	61 $m\Omega$
I_{R^*} :	2 A
I_{sat} :	1.8 A

744 068 004 7

L:	4.7 μ H
DCR:	72 $m\Omega$
I_{R^*} :	1.85 A
I_{sat} :	1.55 A

744 068 005 6

L:	5.6 μ H
DCR:	110 $m\Omega$
I_{R^*} :	1.5 A
I_{sat} :	1.4 A

744 068 006 8

L:	6.8 μ H
DCR:	127 $m\Omega$
I_{R^*} :	1.4 A
I_{sat} :	1.2 A

744 068 008 2

L:	8.2 μ H
DCR:	142 $m\Omega$
I_{R^*} :	1.35 A
I_{sat} :	1.1 A

744 068 010 0

L:	10 μ H
DCR:	177 $m\Omega$
I_{R^*} :	1.2 A
I_{sat} :	1 A

744 068 012 0

L:	12 μ H
DCR:	195 $m\Omega$
I_{R^*} :	1.15 A
I_{sat} :	0.95 A

744 068 018 0

L:	18 μ H
DCR:	302 $m\Omega$
I_{R^*} :	0.9 A
I_{sat} :	0.75 A

8015 (8.0 x 8.0 x 1.5)

744 069 001 0

L:	1 μ H
DCR:	21 $m\Omega$
I_{R^*} :	3.6 A
I_{sat} :	4 A

744 069 002 2

L:	2.2 μ H
DCR:	35 $m\Omega$
I_{R^*} :	2.8 A
I_{sat} :	2.85 A

744 069 003 3

L:	3.3 μ H
DCR:	42 $m\Omega$
I_{R^*} :	2.55 A
I_{sat} :	2.3 A

744 069 004 7

L:	4.7 μ H
DCR:	56 $m\Omega$
I_{R^*} :	2.2 A
I_{sat} :	1.8 A

744 069 006 8

L:	6.8 μ H
DCR:	88 $m\Omega$
I_{R^*} :	1.75 A
I_{sat} :	1.65 A

744 069 008 2

L:	8.2 μ H
DCR:	99 $m\Omega$
I_{R^*} :	1.65 A
I_{sat} :	1.5 A

744 069 010 0

L:	10 μ H
DCR:	112 $m\Omega$
I_{R^*} :	1.55 A
I_{sat} :	1.25 A

744 069 015 0

L:	15 μ H
DCR:	179 $m\Omega$
I_{R^*} :	1.25 A
I_{sat} :	1.1 A

744 069 018 0

L:	18 μ H
DCR:	225 $m\Omega$
I_{R^*} :	1.1 A
I_{sat} :	1.05 A

744 069 022 0

L:	22 μ H
DCR:	272 $m\Omega$
I_{R^*} :	1 A
I_{sat} :	0.9 A

8020 (8.0 x 8.0 x 2.0)

744 070 000 18

L:	0.18 μ H
DCR:	3.51 $m\Omega$
I_{R^*} :	8.5 A
I_{sat} :	9 A

744 070 000 47

L:	0.47 μ H
DCR:	5.8 $m\Omega$
I_{R^*} :	7 A
I_{sat} :	6.5 A

744 070 000 82

L:	0.82 μ H
DCR:	8.5 $m\Omega$
I_{R^*} :	6 A
I_{sat} :	5.5 A

744 070 001 2

L:	1.2 μ H
DCR:	12.5 $m\Omega$
I_{R^*} :	4.6 A
I_{sat} :	4.2 A

744 070 002 2

L:	2.2 μ H
DCR:	17 $m\Omega$
I_{R^*} :	4.4 A
I_{sat} :	3.2 A

744 070 003 3

L:	3.3 μ H
DCR:	30 $m\Omega$
I_{R^*} :	3.2 A
I_{sat} :	2.55 A

744 070 004 7

L:	4.7 μ H
DCR:	37 $m\Omega$
I_{R^*} :	3 A
I_{sat} :	2.2 A

744 070 005 6

L:	5.6 μ H
DCR:	47 $m\Omega$
I_{R^*} :	2.6 A
I_{sat} :	2 A

744 070 006 8

L:	6.8 μ H
DCR:	56 $m\Omega$
I_{R^*} :	2.4 A
I_{sat} :	1.8 A

744 070 008 2

L:	8.2 μ H
DCR:	70.5 $m\Omega$
I_{R^*} :	2.2 A
I_{sat} :	1.7 A

744 070 010 0

L:	10 μ H
DCR:	78 $m\Omega$
I_{R^*} :	2 A
I_{sat} :	1.55 A

744 070 015 0

L:	15 μ H
DCR:	117 $m\Omega$
I_{R^*} :	1.65 A
I_{sat} :	1.25 A

744 070 018 0

L:	18 μ H
DCR:	135 $m\Omega$
I_{R^*} :	1.5 A
I_{sat} :	1.1 A

744 070 022 0

L:	22 μ H
DCR:	166 $m\Omega$
I_{R^*} :	1.3 A
I_{sat} :	1 A

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

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