WÜRTH ELEKTRONIK

DESIGN KIT
WE-TPC SMD Shielded Tiny Power Inductor

SIZE:

6823 / 1028 / 1038

TECHNICAL DATA:

L:	1 ~ 330 µH
DCR:	5.8 ~ 785 mΩ
I_R:	0.6 ~ 8 A
I_{sat}:	0.7 ~ 10 A

Order Code 744 062
Version 1.0

WE-TPC
SMD Shielded Tiny Power Inductor

6823 (6.8 x 6.8 x 2.3)

744 062 001		
L:	1	µH
DCR:	10	mΩ
I_R:	4.8	A
I_{sat}:	4.6	A

744 062 001 5		
L:	1.5	µH
DCR:	14	mΩ
I_R:	4.3	A
I_{sat}:	4	A

744 062 002		
L:	2.2	µH
DCR:	17	mΩ
I_R:	3.4	A
I_{sat}:	2.7	A

744 062 003		
L:	3.3	µH
DCR:	20	mΩ
I_R:	2.8	A
I_{sat}:	2.5	A

744 062 005		
L:	5	µH
DCR:	38	mΩ
I_R:	2.15	A
I_{sat}:	2	A

744 062 006		
L:	6.2	µH
DCR:	43	mΩ
I_R:	1.9	A
I_{sat}:	1.8	A

744 062 007		
L:	7.5	µH
DCR:	48	mΩ
I_R:	1.7	A
I_{sat}:	1.6	A

744 062 100		
L:	10	µH
DCR:	53	mΩ
I_R:	1.6	A
I_{sat}:	1.4	A

744 062 150		
L:	15	µH
DCR:	85	mΩ
I_R:	1.31	A
I_{sat}:	1.1	A

744 062 180		
L:	18	µH
DCR:	85	mΩ
I_R:	1.28	A
I_{sat}:	1	A

1028 (10.0 x 10.0 x 2.8)

744 065 001		
L:	1	µH
DCR:	5.8	mΩ
I_R:	8	A
I_{sat}:	9.5	A

744 065 001 5		
L:	1.5	µH
DCR:	8.5	mΩ
I_R:	7.2	A
I_{sat}:	7.5	A

744 065 002 2		
L:	2.2	µH
DCR:	10.4	mΩ
I_R:	6.2	A
I_{sat}:	5.9	A

744 065 003 3		
L:	3.3	µH
DCR:	15	mΩ
I_R:	5.3	A
I_{sat}:	4.7	A

744 065 004 7		
L:	4.7	µH
DCR:	20	mΩ
I_R:	4.6	A
I_{sat}:	4.2	A

744 065 006 8		
L:	6.8	µH
DCR:	27	mΩ
I_R:	4.2	A
I_{sat}:	3.6	A

744 065 008 2		
L:	8.2	µH
DCR:	31	mΩ
I_R:	3.8	A
I_{sat}:	2.8	A

744 065 100		
L:	10	µH
DCR:	45	mΩ
I_R:	3	A
I_{sat}:	2.5	A

744 065 150		
L:	15	µH
DCR:	75	mΩ
I_R:	2.2	A
I_{sat}:	2.25	A

744 065 220		
L:	22	µH
DCR:	110	mΩ
I_R:	1.8	A
I_{sat}:	1.9	A

1038 (10.0 x 10.0 x 3.8)

744 066 001 5		
L:	1.5	µH
DCR:	6.2	mΩ
I_R:	7.2	A
I_{sat}:	10	A

744 066 002 2		
L:	2.2	µH
DCR:	8	mΩ
I_R:	6.7	A
I_{sat}:	6.8	A

744 066 003 5		
L:	3.5	µH
DCR:	11.5	mΩ
I_R:	5.8	A
I_{sat}:	6.4	A

744 066 005		
L:	5	µH
DCR:	16.5	mΩ
I_R:	4.9	A
I_{sat}:	5.5	A

744 066 006 2		
L:	6.2	µH
DCR:	20	mΩ
I_R:	4.3	A
I_{sat}:	4.5	A

744 066 100		
L:	10	µH
DCR:	28	mΩ
I_R:	3.6	A
I_{sat}:	4	A

744 066 150		
L:	15	µH
DCR:	40	mΩ
I_R:	3.2	A
I_{sat}:	3.25	A

744 066 220		
L:	22	µH
DCR:	60	mΩ
I_R:	2.5	A
I_{sat}:	2.3	A

744 066 330		
L:	33	µH
DCR:	92	mΩ
I_R:	2.1	A
I_{sat}:	1.8	A

744 066 470		
L:	47	µH
DCR:	132	mΩ
I_R:	1.75	A
I_{sat}:	1.85	A

744 066 680		
L:	68	µH
DCR:	185	mΩ
I_R:	1.5	A
I_{sat}:	1.5	A

744 066 101		
L:	100	µH
DCR:	255	mΩ
I_R:	1.2	A
I_{sat}:	1.2	A

744 066 151		
L:	150	µH
DCR:	395	mΩ
I_R:	1	A
I_{sat}:	1.1	A

744 066 221		
L:	220	µH
DCR:	570	mΩ
I_R:	0.75	A
I_{sat}:	0.85	A

744 066 331		
L:	330	µH
DCR:	785	mΩ
I_R:	0.6	A
I_{sat}:	0.7	A

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