

# ADB Technology Co., Ltd.

## Shielded Construction-SMD / SPIN Series



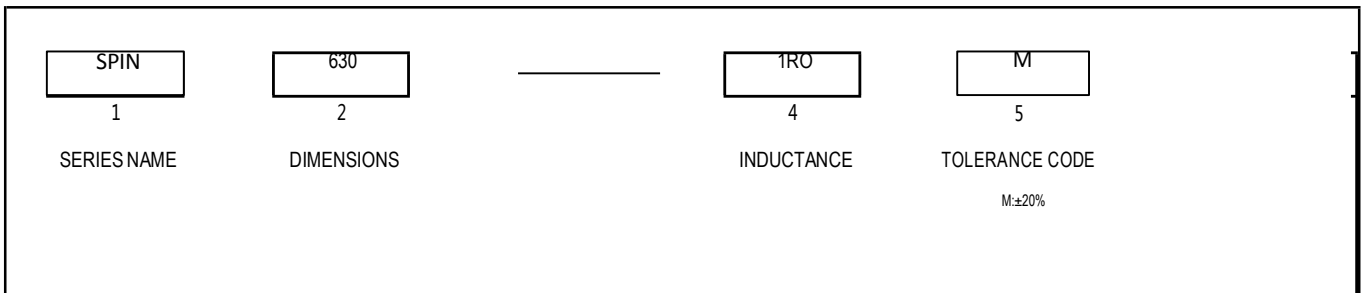
### • FEATURE

Various high power inductors are superior  
Saturation to be high for surface mounting

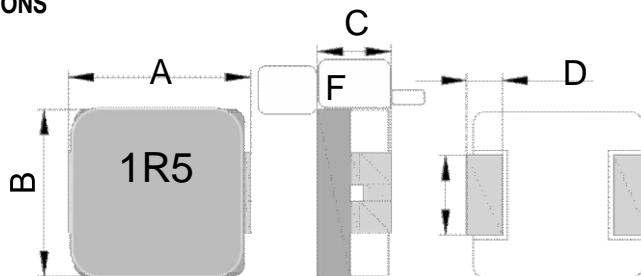
### • APPLICATIONS

Power supply for VTR,QA equipment  
Digital camera ,LCD television set  
Notebook PC,portable communication  
Equipments,DC/DC convrters,etc.

### • PRODUCT IDENTIFICATIONS



### • SHAPES AND DIMENSIONS



### • DIMENSION(m/m)

P/N	A	B	C	D(REF)	E(REF)
SPIN412	4.4±0.3	4.2±0.3	1.2Max	0.8	2.0
SPIN420	4.4±0.3	4.2±0.3	2.0Max	0.8	2.0
SPIN520	5.5±0.3	5.2±0.3	2.0Max	1.2	2.3
SPIN630	7.2±0.3	6.6±0.3	3.0Max	1.5	3.0
SPIN640	7.2±0.3	6.6±0.3	4.0Max	1.5	3.0
SPIN104	10.5±0.3	10.3±0.3	4.0Max	2.0	3.0
SPIN105	10.5±0.3	10.3±0.3	5.0Max	2.0	3.0
SPIN125	13.2±0.3	12.8±0.3	5.0Max	2.5	3.8
SPIN126	13.2±0.3	12.8±0.3	6.0Max	2.5	3.8
SPIN127	13.2±0.3	12.8±0.3	6.5Max	2.5	3.8

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## SMD POWER INDUCTORS

PART NUMBER 品名	INDUCTANCE ( $\mu$ H) 電感值	DCR(max) (m $\Omega$ ) 直流電阻	IDC(max) (A)		TEST FREQ 測試頻率
			溫升電流	飽和電流	
SPIN412-R47M	0.47	30	3.5	6.0	100KHz/1V
SPIN412-R68M	0.68	41	3.5	5.0	100KHz/1V
SPIN412-1R0M	1.0	79	2.5	5.0	100KHz/1V
SPIN412-1R5M	1.5	142	2.0	3.5	100KHz/1V
SPIN412-2R2M	2.2	169	2.0	3.0	100KHz/1V
SPIN420-R10M	0.10	8	12.0	25.0	100KHz/1V
SPIN420-R22M	0.22	12	10.0	14.0	100KHz/1V
SPIN420-R47M	0.47	14	7.0	9.5	100KHz/1V
SPIN420-R56M	0.56	20	6.5	9.0	100KHz/1V
SPIN420-R68M	0.68	26	5.2	8.0	100KHz/1V
SPIN420-1R0M	1.0	28	4.5	7.0	100KHz/1V
SPIN420-1R2M	1.2	32	4.0	7.0	100KHz/1V
SPIN420-1R5M	1.5	38	4.0	6.0	100KHz/1V
SPIN420-2R2M	2.2	52	3.0	5.0	100KHz/1V
SPIN420-3R3M	3.3	79	2.5	4.0	100KHz/1V
SPIN420-4R7M	4.7	150	2.0	3.0	100KHz/1V
SPIN420-6R8M	6.8	170	1.8	2.0	100KHz/1V
SPIN420-100M	10.0	294	1.5	2.0	100KHz/1V
SPIN520-R10M	0.1	2.9	21.0	25.0	100KHz/1V
SPIN520-R22M	0.22	4.5	13.0	17.0	100KHz/1V
SPIN520-R33M	0.33	5.9	7.5	13.0	100KHz/1V
SPIN520-R47M	0.47	7.7	8.0	12.5	100KHz/1V
SPIN520-1R0M	1.0	18.1	7.0	7.5	100KHz/1V
SPIN520-2R2M	2.2	37.7	5.0	5.5	100KHz/1V
SPIN520-3R3M	3.3	68.0	4.1	4.7	100KHz/1V
SPIN520-4R7M	4.7	81.3	3.0	3.2	100KHz/1V
SPIN520-5R6M	5.6	92.0	2.2	3.0	100KHz/1V
SPIN520-6R8M	6.8	121.0	2.1	2.8	100KHz/1V

Test Instrument: HP-4284A

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			温升電流	飽和電流	
SPIN520-100M	10.0	220	2.0	2.2	100KHz/1V
SPIN630-R10M	0.10	1.7	32.5	60.0	100KHz/1V
SPIN630-R20M	0.2	3	24.0	34.0	100KHz/1V
SPIN630-R33M	0.33	3.5	21.0	25.0	100KHz/1V
SPIN630-R47M	0.47	4.1	18.0	20.0	100KHz/1V
SPIN630-R68M	0.68	5.3	16.0	17.0	100KHz/1V
SPIN630-R82M	0.82	6	14.0	16.0	100KHz/1V
SPIN630-1R0M	1.0	9.2	12.0	15.0	100KHz/1V
SPIN630-1R5M	1.5	12.1	10.0	14.0	100KHz/1V
SPIN630-2R2M	2.2	15	8.0	10.0	100KHz/1V
SPIN630-3R3M	3.3	22	6.0	12.0	100KHz/1V
SPIN630-4R7M	4.7	33	5.5	6.5	100KHz/1V
SPIN630-5R6M	5.6	42	5.5	6.0	100KHz/1V
SPIN630-6R8M	6.8	50	4.5	6.0	100KHz/1V
SPIN630-8R2M	8.2	60	4.0	7.5	100KHz/1V
SPIN630-100M	10.0	68	3.0	7.0	100KHz/1V
SPIN630-150M	15.0	95	3.0	4.0	100KHz/1V
SPIN630-220M	22.0	135	2.5	3.0	100KHz/1V
SPIN640-R47M	0.47	4	15.0	22.0	100KHz/1V
SPIN640-R68M	0.68	5.3	14.0	20.0	100KHz/1V
SPIN640-R82M	0.82	7.0	13.0	18.0	100KHz/1V
SPIN640-1R0M	1.0	6	12.0	18.0	100KHz/1V
SPIN640-1R5M	1.5	10.8	7.0	15.0	100KHz/1V
SPIN640-2R2M	2.2	13	6.0	12.0	100KHz/1V
SPIN640-3R3M	3.3	16	5.5	11.0	100KHz/1V
SPIN640-4R7M	4.7	22	5.0	9.0	100KHz/1V
SPIN640-6R8M	6.8	49	4.0	8.0	100KHz/1V
SPIN640-8R2M	8.2	50	3.5	7.0	100KHz/1V

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			溫升電流	飽和電流	
SPIN640-100M	10.0	65	3.0	6.0	100KHZ/1V
SPIN640-150M	15.0	77	2.5	5.5	100KHZ/1V
SPIN640-220M	22.0	117	2.0	4.0	100KHZ/1V
SPIN104-R36M	0.36	1.2	30.0	50.0	100KHZ/1V
SPIN104-R47M	0.47	1.68	30.0	40.0	100KHZ/1V
SPIN104-R56M	0.56	2.4	25.0	33.0	100KHZ/1V
SPIN104-R68M	0.68	2.4	23.0	30.0	100KHZ/1V
SPIN104-R82M	0.82	4.0	20.0	29.0	100KHZ/1V
SPIN104-1R0M	1.0	3.3	18.0	28.0	100KHZ/1V
SPIN104-1R5M	1.5	5.4	16.0	25.0	100KHZ/1V
SPIN104-2R2M	2.2	9.0	12.0	18.0	100KHZ/1V
SPIN104-3R3M	3.3	11.8	10.0	16.0	100KHZ/1V
SPIN104-4R7M	4.7	20.0	8.5	15.0	100KHZ/1V
SPIN104-5R6M	5.60	23	8.0	14.0	100KHZ/1V
SPIN104-6R8M	6.80	25	7.0	12.0	100KHZ/1V
SPIN104-8R2M	8.2	32	6.0	9.0	100KHZ/1V
SPIN104-100M	10.0	37	5.5	8.5	100KHZ/1V
SPIN105-R82M	0.82	7	22.0	39.0	100KHZ/1V
SPIN105-1R0M	1.00	7.5	17.5	32.0	100KHZ/1V
SPIN105-1R2M	1.20	7.9	19.5	29.0	100KHZ/1V
SPIN105-1R5M	1.50	8	15.0	27.5	100KHZ/1V
SPIN105-2R2M	2.20	10	12.0	21.5	100KHZ/1V
SPIN105-3R3M	3.30	14	10.0	18.6	100KHZ/1V
SPIN105-4R7M	4.7	23.6	9.5	16.5	100KHZ/1V
SPIN105-5R6M	5.6	25	8.5	15.0	100KHZ/1V
SPIN105-6R8M	6.8	30	8.0	14.0	100KHZ/1V
SPIN105-8R2M	8.2	35	7.0	12.5	100KHZ/1V
SPIN105-100M	10.0	38	6.8	11.5	100KHZ/1V
SPIN105-150M	15.0	55	5.0	9.0	100KHZ/1V

Tesrt Instrumem:HP-4284A

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			温升電流	飽和電流	
SPIN105-220M	22.0	58	4.5	8.0	100KHz/1V
SPIN105-330M	33.0	105	3.5	6.5	100KHZ/1V
SPIN105-470M	47.0	130.0	3.0	5.0	100KHz/1V
SPIN105-680M	68.0	258	3.0	5.0	100KHZ/1V
SPIN125-R36M	0.36	1.1	41.0	50.0	100KHZ/1V
SPIN125-R47M	0.47	1.3	39.0	45.0	100KHz/1V
SPIN125-R56M	0.56	1.5	36.0	40.0	100KHZ/1V
SPIN125-R68M	0.68	1.7	34.0	38.0	100KHz/1V
SPIN125-R82M	0.82	2.1	26.0	35.0	100KHZ/1V
SPIN125-1R0M	1.0	2.5	23.0	32.0	100KHz/1V
SPIN125-1R2M	1.2	3.0	20.0	30.0	100KHZ/1V
SPIN125-1R5M	1.5	4.1	18.0	27.0	100KHz/1V
SPIN125-2R2M	2.2	5.5	16.0	25.0	100KHZ/1V
SPIN125-3R3M	3.30	9.2	15.0	24.0	100KHz/1V
SPIN125-4R7M	4.70	15	11.0	21.0	100KHZ/1V
SPIN125-5R6M	5.6	16.4	9.5	18.0	100KHz/1V
SPIN125-6R8M	6.8	18.5	8.5	15.0	100KHZ/1V
SPIN125-8R2M	8.20	24	7.5	12.0	100KHz/1V
SPIN125-100M	10.0	25.5	6.5	10.0	100KHZ/1V
SPIN126-4R7M	4.70	13	13.0	22.5	100KHz/1V
SPIN126-5R6M	5.60	15	12.5	20.0	100KHZ/1V
SPIN126-6R8M	6.80	14	11.5	18.5	100KHz/1V
SPIN126-8R2M	8.20	16	11.0	13.5	100KHZ/1V
SPIN127-100M	10.0	20.7	10.0	12.5	100KHz/1V
SPIN127-150M	15.0	34	6.0	9.0	100KHZ/1V
SPIN127-220M	22.0	39.5	5.0	7.5	100KHz/1V
SPIN127-330M	33.0	75	4.0	6.0	100KHZ/1V
SPIN127-470M	47.0	90	3.5	5.5	100KHz/1V
SPIN127-680M	68.0	140	3.0	4.5	100KHZ/1V