



## 塑封式电感

### ●Features

- 1、Leaching resistant terminations due to metal tebed electrodes.
- 2、Coils encapsulated in heat-proof resin make high accurate dimensions and resistant mechanical shock or pressure.
- 3、High resistance to heat and humidity

### ●特性

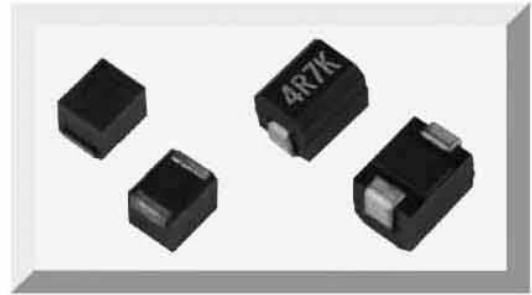
- 1、电镀端子抗氧化 抗磨损
- 2、线圈藉由抗热材料包覆下，可以达到精确的尺寸以及能抵抗机构性的冲击与压力
- 3、抗高温 高湿度

### ●Applications

- 1、Personal computers.
- 2、Disk drives and computer peripherals.
- 3、Telecommunications devices.
- 4、VCD, DVD and TV circuits.
- 5、Test equipment.
- 6、Electronic control boards for automobiles.

### ●产品应用

- 1、笔记本电脑 掌上型电脑
- 2、硬盘及电脑周边产品
- 3、通讯类产品
- 4、VCD, DVD 与电视
- 5、测试仪器
- 6、自动化系统的电子控制板

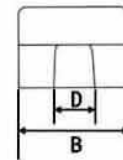
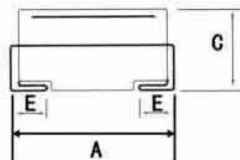
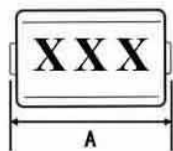


### ●Part Numbering System(品名规格)

F W	3 2 2 5 2 2	—	2 2 1	K	—	R	—	S	—	L F
1	2		3	4		5				
SERIES NAME	DIMENSIONS		INDUCTANCE	TOLERANCE CODE		PACKING CODE				SERIES系列品 LF无铅
品名	尺寸		电感值	公差		包装				

J: ± 5%, K: ± 10%, L: ± 15%  
 M: ± 20%, P: ± 25%, N: ± 30%  
 R: Tape&Reel (卷装)

### ●Shapes and Dimensions (形状及尺寸) UNIT: mm



UNIT:mm

Type (形式)	A	B	C	D	E
FW252018 (1008)	2.5±0.2	2.0±0.2	1.8±0.2	1.0±0.2	0.45
FW322522 (1210)	3.2±0.2	2.5±0.2	2.2±0.2	1.2±0.2	0.5
Fw453232 (1812)	4.5±0.2	3.2±0.2	3.2±0.2	1.3±0.2	1.0



**FW252018 SERIES**

**SPECIFICATION TABLE:**

Part Number 品名	Inductance ( $\mu$ H) 电感值	Tolerance 公差	Q (min) 品质系数	S.R.F(min) (MHz) 自谐频率	DCR(max) ( $\Omega$ ) 直流阻抗	Rated DC Current (mA) 额定电流	Testing Freq (MHz) 测试频率	
FW252018-R12□	0.12	K ( $\pm$ 10% ) L ( $\pm$ 15% ) M ( $\pm$ 20% )	30	600	0.37	520	25.2	
FW252018-R15□	0.15			550	0.42	480		
FW252018-R18□	0.18			500	0.46	460		
FW252018-R22□	0.22			450	0.52	430		
FW252018-R27□	0.27			425	0.56	420		
FW252018-R33□	0.33			400	0.60	400		
FW252018-R39□	0.39			375	0.65	375		
FW252018-R47□	0.47			350	0.68	350		
FW252018-R56□	0.56			300	0.75	325		
FW252018-R68□	0.68			270	0.85	300		
FW252018-R82□	0.82			250	1.00	260		
FW252018-1R0□	1.0	J ( $\pm$ 5% ) K ( $\pm$ 10% ) L ( $\pm$ 15% ) M ( $\pm$ 20% )	30	220	1.10	245	7.96	
FW252018-1R2□	1.2			180	1.20	230		
FW252018-1R5□	1.5			135	1.30	220		
FW252018-1R8□	1.8			100	1.45	210		
FW252018-2R2□	2.2			75	1.55	200		
FW252018-2R7□	2.7			55	1.70	195		
FW252018-3R3□	3.3			48	1.90	185		
FW252018-3R9□	3.9			43	2.10	180		
FW252018-4R7□	4.7			40	2.30	175		
FW252018-5R6□	5.6			25	36	2.50		170
FW252018-6R8□	6.8				33	2.70		165
FW252018-8R2□	8.2				30	3.05		160
FW252018-100□	10			J ( $\pm$ 5% ) K ( $\pm$ 10% ) L ( $\pm$ 15% ) M ( $\pm$ 20% )	25	27		3.50
FW252018-120□	12	23	3.80			150		
FW252018-150□	15	20	4.40			140		
FW252018-180□	18	18	4.80			130		
FW252018-220□	22	17	5.50			125		
FW252018-270□	27	16	6.30			115		
FW252018-330□	33	15	7.10			110		
FW252018-390□	39	20	14			9.50	90	
FW252018-470□	47		13			11.10	80	
FW252018-560□	56		12			12.10	75	
FW252018-680□	68	15	11			16.60	70	
FW252018-820□	82		10	19.00	65			
FW252018-101□	100		15	9	21.00	60	0.796	