

SMD Wire Wound Chip Inductor (HLWM Series) 贴片绕线电感 HLWM 系列

FEATURES 特点

- Constructed of heat resistant molded resin having excellent heat resistance and mechanical strength.
 良好的抗热性及良好的机械性能
- Uses metal terminals, which gives excellent connection reliability.金属端子提供可靠的连接



APPLICATIONS 应用

- Ideally used in video cameras, hard disk drives, liquid crystal television sets, car audio equipment, mobile communications and other small-sized general electronic appliances. 用于录像摄影、硬盘驱动器、软盘驱动器、液晶显示器、汽车音频设备、移动通讯和其它小型常规电子设备。

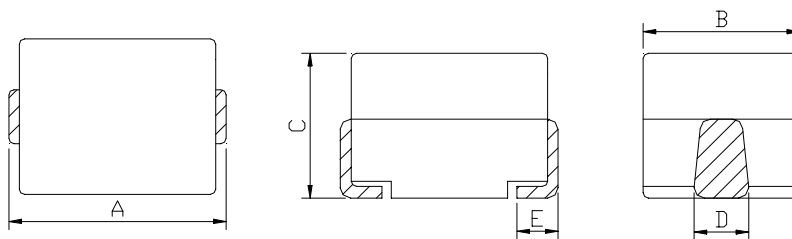
Product Identification 产品标识

HLWM **3225** **T** - **100** **K** : **LF**

① ② ③ ④ ⑤ ⑥

- ① Series name 系列名称
- ② Product dimensions 产品尺寸: (3.2*2.5)
- ③ Packing 包装: (B: Bulk ; T: Tape and reel)
- ④ Inductance value 电感量: (4R7: 4.7uH ; 100: 10uH ; 101:100uH)
- ⑤ Inductance tolerance 电感量公差: (J: 5% ; K:10% ; M:20%)
- ⑥ Lead free products 无铅产品

Shapes And Dimensions 外形及尺寸示意图



Series	Dimensions(mm) [inch]				
	A	B	C	D	E
HLWM2520T	2.6±0.3 [0.103±0.012]	2.0±0.2 [0.079±0.008]	1.8±0.2 [0.071±0.008]	1.0 [0.039]	0.45 [0.018]
HLWM3225T	3.5±0.3 [0.138±0.012]	2.5±0.2 [0.098±0.008]	2.3±0.2 [0.091±0.008]	1.2 [0.047]	0.5 [0.020]

Electrical Characteristics 电气性能

HLWM2520T Series

Part Number	L (uH)	Tolerance	Test Freq. (MHz)	Q (min.)	SRF min (MHz)	DCR max. (Ohms)	Rated current (mA)
HLWM2520T-1R0_-LF	1.0	±5%,±10%	7.96	30	245	1.10	245
HLWM2520T-1R2_-LF	1.2	±5%,±10%	7.96	30	230	1.20	230
HLWM2520T-1R5_-LF	1.5	±5%,±10%	7.96	30	182	1.30	220
HLWM2520T-1R8_-LF	1.8	±5%,±10%	7.96	30	135	1.45	210
HLWM2520T-2R2_-LF	2.2	±5%,±10%	7.96	30	105	1.55	200
HLWM2520T-2R7_-LF	2.7	±5%,±10%	7.96	30	70	1.70	195
HLWM2520T-3R3_-LF	3.3	±5%,±10%	7.96	30	55	1.90	185
HLWM2520T-3R9_-LF	3.9	±5%,±10%	7.96	30	48	2.10	180
HLWM2520T-4R7_-LF	4.7	±5%,±10%	7.96	30	43	2.30	175
HLWM2520T-5R6_-LF	5.6	±5%,±10%	7.96	25	42	2.50	170
HLWM2520T-6R8_-LF	6.8	±5%,±10%	7.96	25	39	2.70	165
HLWM2520T-8R2_-LF	8.2	±5%,±10%	7.96	25	36	3.05	160
HLWM2520T-100_-LF	10	±5%,±10%	2.52	25	33	3.50	155
HLWM2520T-120_-LF	12	±5%,±10%	2.52	25	30	3.80	150
HLWM2520T-150_-LF	15	±5%,±10%	2.52	25	26	4.40	140
HLWM2520T-180_-LF	18	±5%,±10%	2.52	25	24	4.80	130
HLWM2520T-220_-LF	22	±5%,±10%	2.52	25	22	5.50	125
HLWM2520T-270_-LF	27	±5%,±10%	2.52	25	21	6.30	115
HLWM2520T-330_-LF	33	±5%,±10%	2.52	25	20	7.10	110
HLWM2520T-390_-LF	39	±5%,±10%	2.52	20	18	9.50	90
HLWM2520T-470_-LF	47	±5%,±10%	2.52	20	17	11.1	80
HLWM2520T-560_-LF	56	±5%,±10%	2.52	20	16	12.1	75
HLWM2520T-680_-LF	68	±5%,±10%	2.52	20	15	16.6	70
HLWM2520T-820_-LF	82	±5%,±10%	2.52	20	13	19.0	66
HLWM2520T-101_-LF	100	±5%,±10%	0.796	15	12	21.0	60

1. Tolerance: J=±5% K=10±10%

2. Rated current: Value obtained when current flows and the temperature has risen to 20°C or when DC current flows and the initial value of inductance has fallen by 10%, whichever is smaller.

HLWM3225T Series

Part Number	L (uH)	Tolerance	Test Freq. (MHz)	Q (min.)	SRF min (MHz)	DCR max. (Ohms)	Rated current (mA)
HLWM3225T-1R0_-LF	1.0	±5%,±10%	7.96	30	120	0.70	400
HLWM3225T-1R2_-LF	1.2	±5%,±10%	7.96	30	100	0.75	390
HLWM3225T-1R5_-LF	1.5	±5%,±10%	7.96	30	85	0.85	370
HLWM3225T-1R8_-LF	1.8	±5%,±10%	7.96	30	80	0.90	350
HLWM3225T-2R2_-LF	2.2	±5%,±10%	7.96	30	75	1.00	320
HLWM3225T-2R7_-LF	2.7	±5%,±10%	7.96	30	70	1.10	290
HLWM3225T-3R3_-LF	3.3	±5%,±10%	7.96	30	60	1.20	260
HLWM3225T-3R9_-LF	3.9	±5%,±10%	7.96	30	55	1.30	250
HLWM3225T-4R7_-LF	4.7	±5%,±10%	7.96	30	50	1.50	220
HLWM3225T-5R6_-LF	5.6	±5%,±10%	7.96	30	45	1.60	200
HLWM3225T-6R8_-LF	6.8	±5%,±10%	7.96	30	40	1.80	180
HLWM3225T-8R2_-LF	8.2	±5%,±10%	7.96	30	35	2.00	170
HLWM3225T-100_-LF	10	±5%,±10%	2.52	30	30	2.10	150
HLWM3225T-120_-LF	12	±5%,±10%	2.52	30	20	2.50	140
HLWM3225T-150_-LF	15	±5%,±10%	2.52	30	20	2.80	130
HLWM3225T-180_-LF	18	±5%,±10%	2.52	30	20	3.30	120
HLWM3225T-220_-LF	22	±5%,±10%	2.52	30	20	3.70	110
HLWM3225T-270_-LF	27	±5%,±10%	2.52	30	20	5.00	80
HLWM3225T-330_-LF	33	±5%,±10%	2.52	30	17	5.60	70
HLWM3225T-390_-LF	39	±5%,±10%	2.52	30	16	6.40	65
HLWM3225T-470_-LF	47	±5%,±10%	2.52	30	15	7.0	60
HLWM3225T-560_-LF	56	±5%,±10%	2.52	30	13	8.0	55
HLWM3225T-680_-LF	68	±5%,±10%	2.52	30	12	9.0	50
HLWM3225T-820_-LF	82	±5%,±10%	2.52	30	11	10.0	45
HLWM3225T-101_-LF	100	±5%,±10%	0.796	20	10	10.0	40
HLWM3225T-121_-LF	120	±5%,±10%	0.796	20	10	11.0	70
HLWM3225T-151_-LF	150	±5%,±10%	0.796	20	8	15.0	65
HLWM3225T-181_-LF	180	±5%,±10%	0.796	20	7	17.0	60
HLWM3225T-221_-LF	220	±5%,±10%	0.796	20	7	21.0	50

1. Tolerance: J=±5% K=10±10%

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