

SMD Unshielded Power Inductors

◎ Product introduction 產品介紹

- Excellent solderability and heat resistance for either flow or reflow soldering

良好的可焊性和耐焊性

- DC low resistance, small, may correspond to current use

直流電阻較低，小型，可對應大電流用途

- Magnetically shielded construction

磁屏蔽結構

- For RoHS instructions corresponding products

為RoHS指令對應產品



◎ Product application 產品應用

- Ideally used in Digital camera, notebook PC, LCD TV set, DC-DC Converters, etc

用於數碼相機，筆記本電腦，LCD電視等

◎ Product Identification 產品標識

VES 333015 470 M T

VES-----Series name 系列名稱

333015-----Dimension 產品尺寸

470-----Inductance 電感值【470=470 μ H】

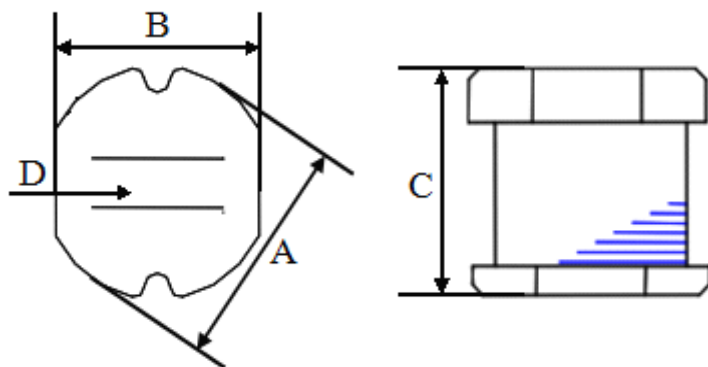
M-----Tolerance 公差【J=5%, K=10%, M= 20%, T= 30%】

T-----Taping 編帶盤裝

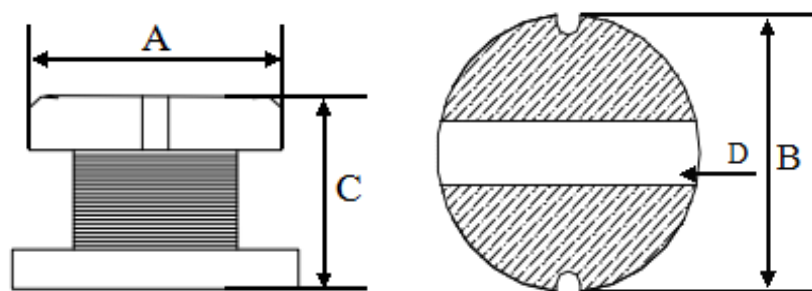
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◎Shape&Dimensions 形狀與尺寸：

333015--109065L



131370L



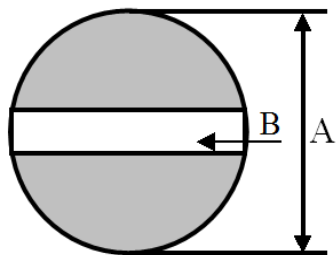
SIZE CODE (inch)	A	B	C	D	CHIPS REEL
333015	3.30±0.30	3.00±0.30	1.50±0.30	1.0 typ.	3K
333021	3.30±0.30	3.00±0.30	2.10±0.30	1.0 typ.	3K
454032	4.50±0.30	4.00±0.23	3.20±0.30	1.2	2K
585225	5.80±0.30	5.20±0.20	2.50±0.30	2.0 typ.	2K
585230	5.80±0.30	5.20±0.20	3.00±0.30	2.0 typ.	2K
585245	5.80±0.30	5.20±0.20	4.50±0.40	1.3	1.5K
787035	7.80±0.30	7.00±0.20	3.50±0.30	2.1	1K
787050	7.80±0.30	7.00±0.20	5.00±0.30	2.1	0.7K
109040L	10.00±0.30	9.00±0.30	4.00±0.50	2.1	0.7K
109054L	10.00±0.40	9.00±0.40	5.40±0.40	2.1	0.7K
109065L	10.00±0.40	9.00±0.40	6.50±0.40	2.1	0.5K
131370L	13.00±0.50	13.00±0.50	7.00±0.30	5 Typ.	0.5K

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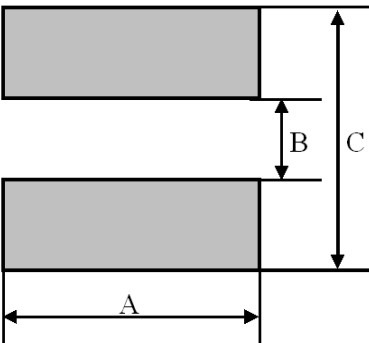
◎Recommender Land Pattern 推薦焊盤布局：

UNIT: mm

333015--109065L



131370L



SIZE CODE (inch)	A	B	C
333015	4.5	1	
333021	4.5	1	
454032	5.5	1.2	
585225	6.8	2	
585230	6.8	2	
585245	6.8	1.3	
787035	8.8	2.1	
787050	8.8	2.1	
109040L	11	2.1	
109054L	11	2.1	
109065L	11	2.1	
131370L	14	4.5	14

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© Detailed specifications and parameters are introduced

詳細規格及參數介紹

ORDERING CORE	Inductance (μ H)	Tolerance ($\pm\%$)	Test Frequency	RDC (MAX) (Ω)	Isat (A)
VES-333015-2R2	2.2	M	1MHz/1V	0.100	0.79
VES-333015-3R3	3.3	M	1MHz/1V	0.110	0.73
VES-333015-4R7	4.7	M	1MHz/1V	0.150	0.65
VES-333015-5R6	5.6	M	1MHz/1V	0.150	0.6
VES-333015-6R8	6.8	M	1MHz/1V	0.200	0.77
VES-333015-100	10	M	1MHz/1V	0.300	0.45
VES-333015-150	15	M	1MHz/1V	0.580	0.3
VES-333015-220	22	K/M	1MHz/1V	0.710	0.25
VES-333015-330	33	M	1MHz/1V	1.100	0.2
VES-333015-390	39	M	1MHz/1V	1.300	0.17
VES-333015-470	47	M	1MHz/1V	1.300	0.17
VES-333015-680	68	M	1MHz/1V	2.200	0.13
VES-333015-101	100	M	1MHz/1V	3.500	0.1
VES-333015-221	220	M	1MHz/1V	10.920	0.07
VES-333015-122	1200	M	1MHz/1V	38.000	0.05
VES-333015-152	1500	M	1MHz/1V	55.000	0.03