



MOLDED CHIP WIREWOUND INDUCTORS 塑封繞線片式電感

DSS SERIES(252018/322522/453232)

FEATURES 特征

Lead-free materials is used for the plating on the terminals.

本產品電極引腳表面採用無鉛鍍層

The product uses metal terminals, which realize excellent connection reliability.

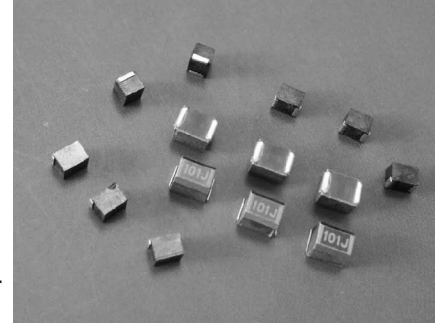
產品使用的金屬引腳電極，具有可靠的連接性能

High resistance to heat, humidity, mechanical shocks and presser. Accurate dimensions for automatically surface mounted.

具有很高的抗熱抗濕性、抗機械振動和擠壓，適用於表面貼裝

The product has good heat durability that withstands lead-free compatible reflow soldering conditions.

對於無鉛化回流焊接條件，具有高度的耐熱性



APPLICATIONS 用途

EM serials high reliable wire would chip inductors for communication, equipment, instrument, video & audio have been developen in response to the trend toward higher density mounting of parts in electric circuits.

可用於計算機、電源、通訊設備、儀器儀表、電視音響等領域的電子電路中

PRODUCT IDENTIFICATION

DSS 322522 - 221 - K - LF
(1) (2) (3) (4) (5)

(1) .Series name (產品品名)

(2) .Dimensions (產品尺寸)

(3) .Inductance value (電感值)

(4) .Tolerance (誤差值)

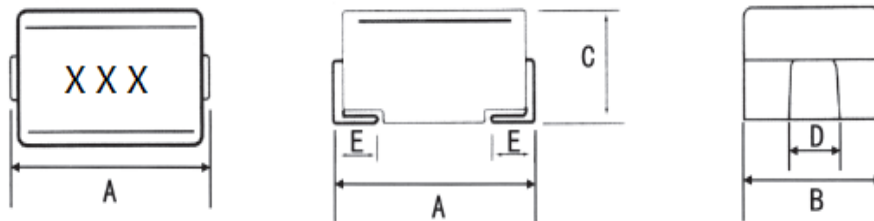
1R5: 1.5 μ H 221: 220 μ H

(J: \pm 5%; K: \pm 10%; M: \pm 20%; N: \pm 30%)

(5) .Lead free (環保標識)

LF- Lead free HF-Halogen free FP-Free red phosphor

SHAPES AND DIMENSIONS (Unit:mm)



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Part No.	A	B	C	D	E
DSS252018(1008)	2.5 \pm 0.2	2.0 \pm 0.2	1.8 \pm 0.2	1.0 \pm 0.2	0.45
DSS322522(1210)	3.2 \pm 0.2	2.5 \pm 0.2	2.2 \pm 0.2	1.2 \pm 0.2	0.5
DSS453232(1812)	4.5 \pm 0.2	3.2 \pm 0.2	3.2 \pm 0.2	1.3 \pm 0.2	1

※Design as Customer's Requested Specifications. (可按顧客的特殊需求設計)



■ PRODUCT SPECIFICATIONS

SERIES	PART NUMBER	INDUCTANCE (μH)	TOLERANCE	Q (min)	S.R.F (min) MHz	DCR(max) (Ω)	ALLOWABLE DC CURRENT (mA)	TESTING FREQ. MHz	
DSS252018	DSS252018-R12□	0.12	K(±10%) L(±15%) M(±20%)	30.00	600.00	0.37	520.00	25.20	
	DSS252018-R15□	0.15			550.00	0.42	480.00		
	DSS252018-R8□	0.18			500.00	0.46	460.00		
	DSS252018-R22□	0.22			450.00	0.52	430.00		
	DSS252018-R27□	0.27			425.00	0.56	420.00		
	DSS252018-R33□	0.33			400.00	0.60	400.00		
	DSS252018-R39□	0.39			375.00	0.65	375.00		
	DSS252018-R47□	0.47			350.00	0.68	350.00		
	DSS252018-R56□	0.56			300.00	0.75	325.00		
	DSS252018-R68□	0.68			270.00	0.85	300.00		
	DSS252018-R82□	0.82			250.00	1.00	260.00		
	DSS252018-1R0□	1.00	J(±5%) K(±10%) L(±15%) M(±20%)	30.00	220.00	1.10	245.00	7.96	
	DSS252018-1R2□	1.20			180.00	1.20	230.00		
	DSS252018-1R5□	1.50			135.00	1.30	220.00		
	DSS252018-1R8□	1.80			100.00	1.45	210.00		
	DSS252018-2R2□	2.20			75.00	1.55	200.00		
	DSS252018-2R7□	2.70			55.00	1.70	195.00		
	DSS252018-3R3□	3.30			48.00	1.90	185.00		
	DSS252018-3R9□	3.90			43.00	2.10	180.00		
	DSS252018-4R7□	4.70			40.00	2.30	175.00		
	DSS252018-5R6□	5.60			25.00	36.00	2.50		170.00
	DSS252018-6R8□	6.80				33.00	2.70		165.00
	DSS252018-8R2□	8.20	30.00	3.05		160.00			
	DSS252018-100□	10.00	J(±5%) K(±10%) L(±15%) M(±20%)	25.00	27.00	3.50	155.00	2.52	
	DSS252018-120□	12.00			23.00	3.80	150.00		
	DSS252018-150□	15.00			20.00	4.40	140.00		
	DSS252018-180□	18.00			18.00	4.80	130.00		
	DSS252018-220□	22.00			17.00	5.50	125.00		
	DSS252018-270□	27.00			16.00	6.30	115.00		
	DSS252018-330□	33.00			15.00	7.10	110.00		
	DSS252018-390□	39.00			20.00	14.00	9.50		90.00
	DSS252018-470□	47.00				13.00	11.10		80.00
	DSS252018-560□	56.00				12.00	12.10		75.00
DSS252018-680□	68.00	11.00				16.60	70.00		
DSS252018-820□	82.00	10.00	19.00	65.00					
DSS252018-101□	100.00	15.00	9.00	21.00	60.00	0.796			

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DSS322522	DSS322522-010□	0.01	K(±10%) L(±15%) M(±20%)	15	2500	0.13	450	100
	DSS322522-012□	0.012		17	2300	0.14		
	DSS322522-015□	0.015		19	2100	0.16		
	DSS322522-018□	0.018		21	1900	0.18		
	DSS322522-022□	0.022		23	1700	0.20		
	DSS322522-027□	0.027		23	1500	0.22		
	DSS322522-033□	0.033	J(±5%) K(±10%) L(±15%) M(±20%)	25	1400	0.24	450	100
	DSS322522-039□	0.039		25	1300	0.27		
	DSS322522-047□	0.047		26	1200	0.30		
	DSS322522-056□	0.056		26	1100	0.33		
	DSS322522-068□	0.068		27	1000	0.36		
	DSS322522-082□	0.082		27	900	0.40		
	DSS322522-R10□	0.10	J(±5%) K(±10%) L(±15%) M(±20%)	28	700	0.44	450	25.2
	DSS322522-R12□	0.12		30	500	0.22		
	DSS322522-R15□	0.15		30	450	0.25		
	DSS322522-R18□	0.18		30	400	0.28		
	DSS322522-R22□	0.22		30	350	0.32		
	DSS322522-R27□	0.27		30	320	0.36		
	DSS322522-R33□	0.33	J(±5%) K(±10%) L(±15%) M(±20%)	30	300	0.40	450	25.2
	DSS322522-R39□	0.39		30	250	0.45		
	DSS322522-47□	0.47		30	220	0.50		
	DSS322522-R56□	0.56		30	180	0.55		
	DSS322522-R68□	0.68		30	160	0.60		
	DSS322522-R82□	0.82		30	140	0.65		
	DSS322522-1R0□	1.0	J(±5%) K(±10%) L(±15%) M(±20%)	30	120	0.70	400	7.96
	DSS322522-1R2□	1.2		30	100	0.75	390	
	DSS322522-1R5□	1.5		30	85	0.85	370	
	DSS322522-1R8□	1.8		30	80	0.90	350	
	DSS322522-2R2□	2.2		30	75	1.00	320	
	DSS322522-2R7□	2.7		30	70	1.10	290	
	DSS322522-3R3□	3.3	J(±5%) K(±10%) L(±15%) M(±20%)	30	60	1.20	260	2.52
	DSS322522-3R9□	3.9		30	55	1.30	250	
	DSS322522-4R7□	4.7		30	50	1.50	220	
DSS322522-5R6□	5.6	30		47	1.60	200		
DSS322522-5R8□	6.8	30		43	1.80	180		
DSS322522-8R2□	8.2	30		40.00	2.00	170		
DSS322522-100□	10	J(±5%) K(±10%) L(±15%) M(±20%)	30	36	2.1	150.00	2.52	
DSS322522-120□	12		30	33	2.5	140.00		
DSS322522-150□	15		30	28	2.8	130.00		
DSS322522-180□	18		30	25	3.3	120.00		
DSS322522-220□	22		30	23	3.7	110.00		
DSS322522-270□	27		30	20	5.0	80.00		

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DSS322522	DSS322522-330□	33	J(±5%) K(±10%) L(±15%) M(±20%)	30	17	5.6	70.00	2.52
	DSS322522-390□	39		30	16	6.4	65.00	
	DSS322522-470□	47		30	15	7.0	60.00	
	DSS322522-560□	56		30	13	8.0	55.00	
	DSS322522-680□	68		30	12	9.0	50.00	
	DSS322522-820□	82		30	11	10	45.00	0.796
	DSS322522-101□	100		20	10	10	40.00	
	DSS322522-121□	120		20	10	11	70.00	
	DSS322522-151□	150		20	8	15	65.00	
	DSS322522-181□	180		20	7	17	60.00	
	DSS322522-221□	220		20	7	21	50.00	
DSS453232	DSS453232-R10□	0.10	J(±5%) K(±10%) L(±15%) M(±20%)	35	300	0.18	800	25.2
	DSS453232-R12□	0.12		35	280	0.20	770	
	DSS453232-R15□	0.15		35	250	0.22	730	
	DSS453232-R18□	0.18		35	220	0.24	700	
	DSS453232-R22□	0.22		40	200	0.25	665	
	DSS453232-R27□	0.27		40	180	0.26	635	
	DSS453232-R33□	0.33		40	165	0.28	605	
	DSS453232-R39□	0.39		40	150	0.30	575	
	DSS453232-R47□	0.47		40	145	0.32	545	
	DSS453232-R56□	0.56		40	140	0.36	520	
	DSS453232-R68□	0.68		40	135	0.40	500	
	DSS453232-R82□	0.82		40	130	0.45	475	
	DSS453232-1R0□	1.0		50	100	0.50	450	
	DSS453232-1R2□	1.2		50	80	0.55	430	
	DSS453232-1R5□	1.5		50	70	0.60	410	
	DSS453232-1R8□	1.8		50	60	0.65	390	
	DSS453232-2R2□	2.2		50	55	0.70	380	
	DSS453232-2R7□	2.7		50	50	0.75	370	
	DSS453232-3R3□	3.3		50	45	0.80	355	
	DSS453232-3R9□	3.9		50	40	0.90	330	
	DSS453232-4R7□	4.7		50	35	1.00	315	
	DSS453232-5R6□	5.6		50	33	1.10	300	
	DSS453232-6R8□	6.8		50	27	1.20	285	
	DSS453232-8R2□	8.2		50	25	1.40	270	
	DSS453232-100□	10		50	20	1.60	250	2.52
	DSS453232-120□	12		50	18	2.00	225	
	DSS453232-150□	15		50	17	2.50	200	
	DSS453232-180□	18		50	15	2.80	190	
	DSS453232-220□	22		50	13	3.20	180	
	DSS453232-270□	27		50	12	3.60	170	

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DSS453232	DSS453232-330□	33	J(±5%) K(±10%) L(±15%) M(±20%)	50	11	4.00	160	2.52	
	DSS453232-390□	39		50	10	4.50	150		
	DSS453232-470□	47		50	10	5.00	140		
	DSS453232-560□	56		50	9.0	5.50	135		
	DSS453232-680□	38		50	9.0	6.00	130		
	DSS453232-820□	82		50	8.0	7.00	120		
	DSS453232-101□	100		40	8.0	8.00	110	0.796	
	DSS453232-121□	120		40	6.0	8.00	110		
	DSS453232-151□	150		40	5.0	9.00	105		
	DSS453232-181□	180		40	5.0	9.5	102		
	DSS453232-221□	220		40	4.0	10.0	100		
	DSS453232-271□	270		40	4.0	12.0	92		
	DSS453232-331□	330		40	3.5	14.0	85		
	DSS453232-391□	390		40	3.0	18.0	80		
	DSS453232-471□	470		40	3.0	26.0	62		
	DSS453232-561□	560		30	3.0	30.0	50		
	DSS453232-681□	680		30	3.0	30.0	50		
	DSS453232-821□	820		30	2.5	35.0	30		
	DSS453232-102□	1000		20	2.5	40.0	30		0.252

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