

Molded Winding Type Chip Inductor 模壓繞線型晶片電感

MW Series

For Choke Use, Small Molded and Wire Wound Chip Inductors Provide High Current Characteristics.

小型且模造的繞線晶片電感提供高電流的特性。



Features

1. The MW series were low resistance and high current, and providing them for power line applications
2. Leaching resistant terminations due to metal tab electrodes
3. Coils encapsulated in heat –proof resin make high accurate dimensions and resistant to mechanical shock or pressure
4. High resistance to heat and humidity.

特徵

- 1.MW 系列具低電阻及高電流特性，適合電源線路之應用。
- 2.金屬片電極具抗蝕性。
- 3.線圈封裝在抗熱之樹脂內，具精確之尺寸及對機械衝擊或壓力，有良好之抵抗力。
- 4.對熱及濕度有良好之抵抗力。

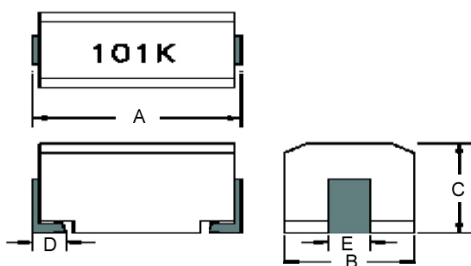
Applications

Microtelevisions,liquid crystal television,video camera, Portable VCRs,car radios,car stereos,thin type radio, Television tuners,mobil telephones,radio equipment, Modules such as hybrid lcs and Dc power lines.

應用

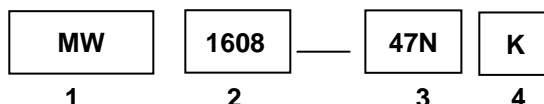
微型電視、液晶電視、攝影機、攜帶式 VCR、汽車無線電、汽車音響、薄型收音機、電視調諧器、行動電話、無線電設備及模組，如混合積體電路以及直流電源線路。

Dimensions



Chip size					
Size	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
3225	3.2±0.3	2.5±0.2	2.2±0.2	0.6typ	1.0±0.2
4532	4.5±0.3	3.2±0.2	3.2±0.2	1.2typ	1.1±0.2

Part Numbering



1. Series
2. Dimension : A*B
3. Inductance: 47N=47nH
4. Inductance Tolerance: J=±5%,K=±10%,M=±20%

MW3225 Series

Part Number	Inductance (uH)	Q min	Test Frequency (MHz)	SRF (MHz) min	DC Resistance (Ohm) max	Rated Current (mA)
MW3225-1R0□	1.0	10	7.96	100	0.16	850
MW3225-1R5□	1.5	10	7.96	80	0.25	700
MW3225-2R2□	2.2	10	7.96	68	0.30	600
MW3225-3R3□	3.3	10	7.96	54	0.43	500
MW3225-4R7□	4.7	15	7.96	46	0.70	430
MW3225-6R8□	6.8	15	7.96	38	0.80	360
MW3225-100□	10	15	2.52	30	1.10	300
MW3225-150□	15	15	2.52	26	1.50	250
MW3225-220□	22	15	2.52	19	1.90	210
MW3225-330□	33	15	2.52	17	3.00	150
MW3225-470□	47	15	2.52	13	3.80	120
MW3225-680□	68	15	2.52	11	7.00	100

MW 4532 Series

Part Number	Inductance (uH)	Q min	Test Frequency (MHz)	SRF (MHz) min	DC Resistance (Ohm) max	Rated Current (mA)
MW4532-1R0□	1.0	40	7.96	100	0.11	1400
MW4532-1R2□	1.2	40	7.96	90	0.12	1300
MW4532-1R5□	1.5	40	7.96	80	0.15	01200
MW4532-1R8□	1.8	40	7.96	60	0.16	1100
MW4532-2R2□	2.2	40	7.96	55	0.18	1050
MW4532-2R7□	2.7	30	7.96	50	0.20	1000
MW4532-3R3□	3.3	30	7.96	45	0.22	900
MW4532-3R9□	3.9	30	7.96	40	0.24	850
MW4532-4R7□	4.7	20	7.96	35	0.27	800
MW4532-5R6□	5.6	20	7.96	30	0.30	750
MW4532-6R8□	6.8	20	7.96	28	0.35	700
MW4532-8R2□	8.2	20	7.96	25	0.40	650
MW4532-100□	10	10	2.52	22	0.50	600
MW4532-120□	12	10	2.52	21	0.60	550
MW4532-150□	15	10	2.52	20	0.70	500
MW4532-180□	18	10	2.52	19	0.80	450
MW4532-220□	22	10	2.52	18	0.90	400
MW4532-270□	27	10	2.52	16	1.20	350
MW4532-330□	33	10	2.52	14	1.40	330
MW4532-390□	39	10	2.52	12	1.60	300
MW4532-470□	47	10	2.52	11	1.90	280
MW4532-560□	56	10	2.52	11	2.20	260
MW4532-680□	68	10	2.52	10	2.26	240
MW4532-820□	82	10	2.52	9	3.50	220
MW4532-101□	100	30	0.796	8	4.00	180
MW4532-121□	120	30	0.796	7	4.50	160
MW4532-151□	150	30	0.796	5	6.50	140
MW4532-181□	180	30	0.796	5	7.50	120
MW4532-221□	220	30	0.796	4	9.00	120
MW4532-271□	270	30	0.796	4	11.0	100
MW4532-331□	330	30	0.796	4	13.0	90