

## CSMW系列



### ● FEATURES (特性)

Various high power inductors are superior to be high saturation for surface mounting.

具有高功率、高饱和电流，低阻抗、小型化之特点

### ● APPLICATIONS (用途)

录影机、OA仪器、数码相机、液晶电视、笔记本电脑、小型通信机器等

### \* PART NUMBERING SYSTEM 品名系统

CSMW      10145      -      4R7      M  
 1                      2                      3                      4

①

华锐达品名	
CSMW	塑胶底座屏蔽电感

②

产品型号	
6028	6.6*6.6*3.0
7032	7.6*7.6*3.5
...	...

③

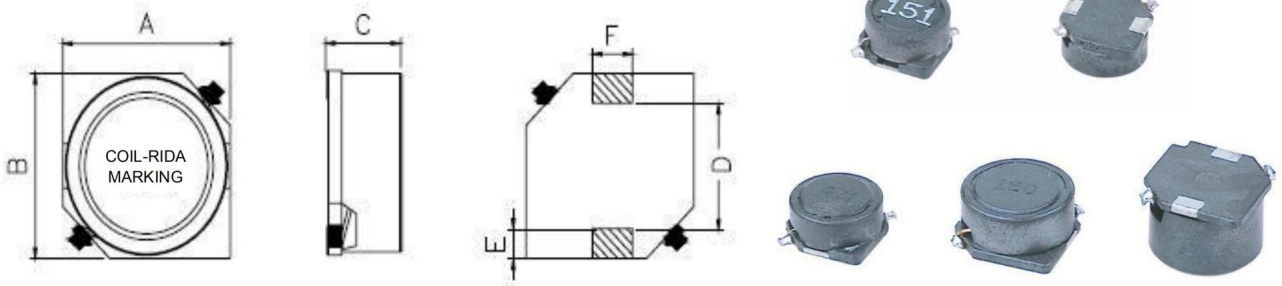
产品感值	
4R7	4.7 $\mu$ H
470	47 $\mu$ H
471	470 $\mu$ H
472	4700 $\mu$ H

④

感量公差	
K	$\pm 10\%$
M	$\pm 20\%$
N	$\pm 30\%$

● EXTERNAL DIMENSIONS UNIT: mm (外形尺寸)

1.



PART NO.	A	B	C	D	E	F
CSMW6028	6.6MAX	6.6MAX	3.0MAX	4.50	1.00	1.60
CSMW7032	7.6MAX	7.6MAX	3.5MAX	5.40	1.00	2.00
CSMW7045	7.6MAX	7.6MAX	4.8MAX	5.40	1.00	2.00
CSMW10145	10.5MAX	10.5MAX	5.0MAX	6.50	2.00	3.00
CSMW12555	12.5MAX	12.5MAX	5.8MAX	8.30	2.00	3.00
CSMW12565	12.5MAX	12.5MAX	6.8MAX	8.30	2.00	3.00
CSMW12575	12.5MAX	12.5MAX	7.8MAX	8.30	2.00	3.00


CSMW6028 TYPE

COIL-RIDA Part Number 品名	Inductance 感量 $\mu\text{H}$	DCR Max. ( $\Omega$ ) 直流电阻	IDC (A) 额定电流	TEST FREQ (KHZ) 测试频率
CSMW6028-2R2N	2.2	0.035	1.80	100/0.25V
CSMW6028-3R3N	3.3	0.040	1.50	100/0.25V
CSMW6028-4R7N	4.7	0.043	1.30	100/0.25V
CSMW6028-6R8M	6.8	0.055	1.10	100/0.25V
CSMW6028-100M	10	0.070	1.00	100/0.25V
CSMW6028-150M	15	0.105	0.90	100/0.25V
CSMW6028-220M	22	0.150	0.78	100/0.25V
CSMW6028-330M	33	0.210	0.62	100/0.25V
CSMW6028-470M	47	0.320	0.53	100/0.25V
CSMW6028-680M	68	0.410	0.41	100/0.25V
CSMW6028-101M	100	0.600	0.32	100/0.25V
CSMW6028-151M	150	0.850	0.20	100/0.25V
CSMW6028-221M	220	1.500	0.15	100/0.25V
CSMW6028-331M	330	2.500	0.12	100/0.25V

Rated current: smaller value of either  $I_{sat}$  or  $I_{rms}$

$I_{sat}$ : When based on the inductance change rate (30% below the initial L value)

$I_{rms}$ : When based on the temperature increase(temperature increase of 40°C by self heating)

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CSMW7032 TYPE

COIL-RIDA Part Number 品名	Inductance 感量 μH	DCR Max. (Ω) 直流电阻	IDC (A) 额定电流	TEST FREQ (KHZ) 测试频率
CSMW7032-2R2N	2.2	0.025	2.10	100/0.25V
CSMW7032-3R3N	3.3	0.028	1.90	100/0.25V
CSMW7032-4R7N	4.7	0.043	1.70	100/0.25V
CSMW7032-6R8M	6.8	0.490	1.60	100/0.25V
CSMW7032-100M	10	0.640	1.40	100/0.25V
CSMW7032-150M	15	0.900	1.10	100/0.25V
CSMW7032-220M	22	0.132	0.96	100/0.25V
CSMW7032-330M	33	0.192	0.75	100/0.25V
CSMW7032-470M	47	0.288	0.67	100/0.25V
CSMW7032-680M	68	0.372	0.59	100/0.25V
CSMW7032-101M	100	0.540	0.45	100/0.25V
CSMW7032-151M	150	0.780	0.37	100/0.25V
CSMW7032-221M	220	1.260	0.29	100/0.25V
CSMW7032-331M	330	2.004	0.22	100/0.25V
CSMW7032-471M	470	2.460	0.20	100/0.25V
CSMW7032-681M	680	3.780	0.16	100/0.25V

Rated current: smaller value of either Isat or Irms

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase(temperature increase of 40°C by self heating)

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CSMW7045 TYPE

COIL-RIDA Part Number 品名	Inductance 感量 μH	DCR Max. (Ω) 直流电阻	IDC (A) 额定电流	TEST FREQ (KHZ) 测试频率
CSMW7045-2R2N	2.2	0.021	2.50	100/0.25V
CSMW7045-3R3N	3.3	0.024	2.30	100/0.25V
CSMW7045-4R7N	4.7	0.036	2.00	100/0.25V
CSMW7045-6R8M	6.8	0.047	1.70	100/0.25V
CSMW7045-100M	10	0.055	1.30	100/0.25V
CSMW7045-150M	15	0.062	1.10	100/0.25V
CSMW7045-220M	22	0.073	0.90	100/0.25V
CSMW7045-330M	33	0.115	0.82	100/0.25V
CSMW7045-470M	47	0.150	0.75	100/0.25V
CSMW7045-680M	68	0.210	0.60	100/0.25V
CSMW7045-101M	100	0.300	0.50	100/0.25V
CSMW7045-151M	150	0.408	0.40	100/0.25V
CSMW7045-221M	220	0.624	0.33	100/0.25V
CSMW7045-331M	330	0.888	0.25	100/0.25V
CSMW7045-471M	470	1.260	0.22	100/0.25V
CSMW7045-681M	680	1.776	0.20	100/0.25V
CSMW7045-102M	1000	2.736	0.14	100/0.25V

Rated current: smaller value of either Isat or Irms

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase(temperature increase of 40°C by self heating)

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CSMW10145 TYPE

COIL-RIDA Part Number 品名	Inductance 感量 μH	DCR Max. (Ω) 直流电阻	IDC (A) 额定电流	TEST FREQ (KHZ) 测试频率
CSMW10145-2R2N	2.2	0.013	5.00	100/0.25V
CSMW10145-3R3N	3.3	0.018	4.50	100/0.25V
CSMW10145-4R7N	4.7	0.022	4.00	100/0.25V
CSMW10145-6R8M	6.8	0.030	3.20	100/0.25V
CSMW10145-100M	10	0.036	3.00	100/0.25V
CSMW10145-150M	15	0.047	2.40	100/0.25V
CSMW10145-220M	22	0.059	2.10	100/0.25V
CSMW10145-330M	33	0.082	1.60	100/0.25V
CSMW10145-470M	47	0.100	1.40	100/0.25V
CSMW10145-680M	68	0.140	1.20	100/0.25V
CSMW10145-101M	100	0.200	1.00	100/0.25V
CSMW10145-151M	150	0.350	0.79	100/0.25V
CSMW10145-221M	220	0.470	0.65	100/0.25V
CSMW10145-331M	330	0.680	0.54	100/0.25V
CSMW10145-471M	470	1.030	0.47	100/0.25V
CSMW10145-681M	680	1.460	0.38	100/0.25V
CSMW10145-102M	1000	2.800	0.32	100/0.25V
CSMW10145-152M	1500	3.400	0.22	100/0.25V

Rated current: smaller value of either Isat or Irms

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase(temperature increase of 40°C by self heating)

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CSMW12555 TYPE

COIL-RIDA Part Number 品名	Inductance 感量 μH	DCR Max. (Ω) 直流电阻	IDC (A) 额定电流	TEST FREQ (KHZ) 测试频率
CSMW12555-2R2N	2.2	0.013	5.40	100/0.25V
CSMW12555-3R3N	3.3	0.015	5.00	100/0.25V
CSMW12555-4R7N	4.7	0.018	4.00	100/0.25V
CSMW12555-6R8M	6.8	0.020	3.60	100/0.25V
CSMW12555-100M	10	0.026	3.40	100/0.25V
CSMW12555-150M	15	0.031	2.80	100/0.25V
CSMW12555-220M	22	0.041	2.30	100/0.25V
CSMW12555-330M	33	0.050	1.90	100/0.25V
CSMW12555-470M	47	0.074	1.60	100/0.25V
CSMW12555-680M	68	0.101	1.30	100/0.25V
CSMW12555-101M	100	0.140	1.10	100/0.25V
CSMW12555-151M	150	0.228	0.88	100/0.25V
CSMW12555-221M	220	0.324	0.72	100/0.25V
CSMW12555-331M	330	0.492	0.59	100/0.25V
CSMW12555-471M	470	0.624	0.49	100/0.25V
CSMW12555-681M	680	0.912	0.43	100/0.25V
CSMW12555-102M	1000	1.344	0.34	100/0.25V
CSMW12555-152M	1500	2.076	0.29	100/0.25V

Rated current: smaller value of either Isat or Irms

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase(temperature increase of 40°C by self heating)

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CSMW12565 TYPE

COIL-RIDA Part Number 品名	Inductance 感量 μH	DCR Max. (Ω) 直流电阻	IDC (A) 额定电流	TEST FREQ (KHZ) 测试频率
CSMW12565-2R2N	2.2	0.014	6.20	100/0.25V
CSMW12565-3R3N	3.3	0.015	5.60	100/0.25V
CSMW12565-4R7N	4.7	0.018	5.40	100/0.25V
CSMW12565-6R8M	6.8	0.020	5.00	100/0.25V
CSMW12565-100M	10	0.024	4.80	100/0.25V
CSMW12565-150M	15	0.028	4.20	100/0.25V
CSMW12565-220M	22	0.037	3.50	100/0.25V
CSMW12565-330M	33	0.048	2.80	100/0.25V
CSMW12565-470M	47	0.057	2.40	100/0.25V
CSMW12565-680M	68	0.095	2.00	100/0.25V
CSMW12565-101M	100	0.146	1.60	100/0.25V
CSMW12565-151M	150	0.182	1.40	100/0.25V
CSMW12565-221M	220	0.233	1.00	100/0.25V
CSMW12565-331M	330	0.327	0.72	100/0.25V
CSMW12565-471M	470	0.580	0.63	100/0.25V
CSMW12565-681M	680	0.863	0.54	100/0.25V
CSMW12565-102M	1000	1.123	0.46	100/0.25V
CSMW12565-152M	1500	1.864	0.36	100/0.25V

Rated current: smaller value of either Isat or Irms

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase(temperature increase of 40°C by self heating)

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### CSMW12575 TYPE

COIL-RIDA Part Number 品名	Inductance 感量 μH	DCR Max. (Ω) 直流电阻	IDC (A) 额定电流	TEST FREQ (KHZ) 测试频率
CSMW12575-2R2N	2.2	0.010	7.10	100/0.25V
CSMW12575-3R3N	3.3	0.012	6.90	100/0.25V
CSMW12575-4R7N	4.7	0.013	6.50	100/0.25V
CSMW12575-6R8M	6.8	0.016	5.90	100/0.25V
CSMW12575-100M	10	0.018	5.40	100/0.25V
CSMW12575-150M	15	0.022	4.70	100/0.25V
CSMW12575-220M	22	0.032	4.00	100/0.25V
CSMW12575-330M	33	0.047	3.20	100/0.25V
CSMW12575-470M	47	0.063	2.70	100/0.25V
CSMW12575-680M	68	0.093	2.40	100/0.25V
CSMW12575-101M	100	0.150	1.90	100/0.25V
CSMW12575-151M	150	0.210	1.70	100/0.25V
CSMW12575-221M	220	0.308	1.30	100/0.25V
CSMW12575-331M	330	0.330	1.00	100/0.25V
CSMW12575-471M	470	0.460	0.87	100/0.25V
CSMW12575-681M	680	0.730	0.68	100/0.25V
CSMW12575-102M	1000	0.985	0.53	100/0.25V
CSMW12575-152M	1500	1.560	0.49	100/0.25V

Rated current: smaller value of either Isat or Irms

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase(temperature increase of 40°C by self heating)

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