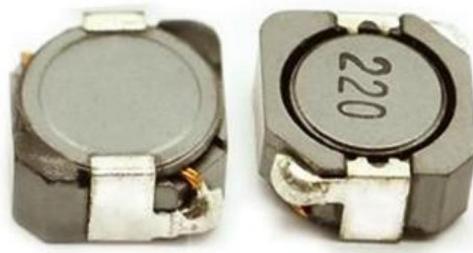


CSM103/4/5R系列



* FEATURES 特性

High saturation, low DC resistance., high quality and high energy storage.
 Magnetic shielding structure. Used for SMT operation in reflow welding
 高饱和, 低直流电阻。, 高品质高能量储存. 磁性屏蔽结构. 使用于回流焊作业 SMT
 作业

* APPLICATIONS 用途

Power supply choke for small electrical equipments such as VTR, LCD
 display, Notebook, communication equipment, and so on

适用于录像机、液晶显示器、笔记本电脑、通讯设备等小型电气设备的电源扼流圈
 等

* Part NumberING SYSTEM 品名系统

CSM 103R T - 4R7 M

①

华锐达品名	
CSM	贴片电感
③	
T	双线绕制

②

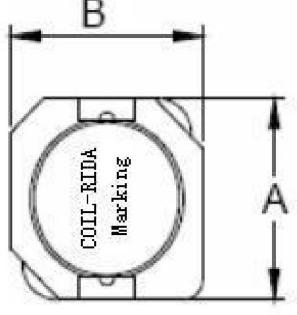
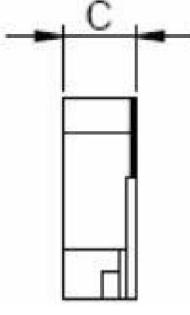
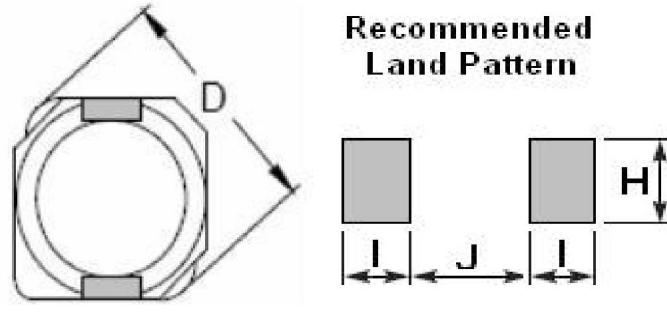
产品型号	
103R	10*10*3
104R	10*10*4
105R	10*10*5

④

产品感值	
4R7	4.7 μ H
470	47 μ H
471	470 μ H
472	1000 μ H

⑤

感量公差	
K	±10%
M	±20%
N	±30%

外形尺寸 (Unit:mm)			
	A max.	B max.	C max.

TYPE(型号)	A max.	B max.	C max.	D typ.	I typ.	J typ.	H typ.
CSM103R	10.6	10.5	3.0	13.5	1.7	7.3	3.6
CSM104R	10.6	10.5	4.0	13.5	1.7	7.3	3.6
CSM105R	10.6	10.5	5.2	13.5	1.7	7.3	3.6

※SPECIFICATION TABLE

COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
CSM103R-1R0N	1.0	0.009	6.50	100/0.25V
CSM103R-2R2N	2.2	0.017	5.10	100/0.25V
CSM103R-3R3N	3.3	0.021	4.70	100/0.25V
CSM103R-4R7N	4.7	0.030	4.00	100/0.25V
CSM103R-6R8N	6.8	0.035	3.60	100/0.25V
CSM103R-100M	10	0.059	2.80	100/0.25V
CSM103R-150M	15	0.091	2.05	100/0.25V
CSM103R-220M	22	0.143	1.60	100/0.25V
CSM103R-330M	33	0.202	1.35	100/0.25V
CSM103R-470M	47	0.299	1.20	100/0.25V
CSM103R-560M	56	0.325	1.15	100/0.25V
CSM103R-680M	68	0.429	0.95	100/0.25V
CSM103R-820M	82	0.494	0.80	100/0.25V
CSM103R-101M	100	0.683	0.70	100/0.25V
CSM103R-121M	120	0.754	0.65	100/0.25V

※1. All test data is referenced to 20°C ambient;

※2. The maximum rated current is a DC current which causes initial inductance to decrease by

35% or temperature to rise by 40°C, which is smaller(at ambient reference temperature: 20°C)

 所有产品数量均可定制。由于篇幅有限，本目录数据只记载了具代表性的产品规格。为了更加正确、安全地使用本产品，请务必索取能进一步确认详细特性、规格的采购规格书。目录记载内容可能因为产品改良等原因不经预告而更改，恕不另行通知。



※SPECIFICATION TABLE

COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
CSM104R-3R3N	3.3	0.014	5.6	100/0.25V
CSM104R-4R7N	4.7	0.022	5.4	100/0.25V
CSM104R-6R8N	6.8	0.025	5.0	100/0.25V
CSM104R-100M	10	0.035	3.8	100/0.25V
CSM104R-150M	15	0.050	3.1	100/0.25V
CSM104R-220M	22	0.073	2.5	100/0.25V
CSM104R-330M	33	0.093	2.2	100/0.25V
CSM104R-470M	47	0.128	1.9	100/0.25V
CSM104R-560M	56	0.185	1.6	100/0.25V
CSM104R-680M	68	0.213	1.42	100/0.25V
CSM104R-820M	82	0.275	1.32	100/0.25V
CSM104R-101M	100	0.304	1.25	100/0.25V
CSM104R-151M	150	0.506	0.85	100/0.25V
CSM104R-221M	220	0.756	0.70	100/0.25V
CSM104R-331M	330	1.090	0.52	100/0.25V

※1. All test data is referenced to 20°C ambient;

※2. The maximum rated current is a DC current which causes initial inductance to decrease by

35% or temperature to rise by 40°C, which is smaller(at ambient reference temperature: 20°C)

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※SPECIFICATION TABLE

COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	IDC (Max) (A) 额定电流	TEST FREQ (kHz) 测试频率
CSM105R-100M	10	0.026	4.45	100/0.25V
CSM105R-120M	12	0.033	3.80	100/0.25V
CSM105R-150M	15	0.041	3.40	100/0.25V
CSM105R-220M	22	0.061	2.90	100/0.25V
CSM105R-330M	33	0.084	2.40	100/0.25V
CSM105R-470M	47	0.130	2.00	100/0.25V
CSM105R-560M	56	0.149	1.90	100/0.25V
CSM105R-680M	68	0.201	1.60	100/0.25V
CSM105R-101M	100	0.253	1.35	100/0.25V
CSM105R-121M	120	0.303	1.18	100/0.25V
CSM105R-151M	150	0.370	1.10	100/0.25V
CSM105R-221M	220	0.500	0.94	100/0.25V
CSM105R-271M	270	0.672	0.80	100/0.25V
CSM105R-331M	330	0.812	0.73	100/0.25V
CSM105R-471M	470	1.290	0.54	100/0.25V
CSM105R-561M	560	1.430	0.52	100/0.25V
CSM105R-681M	680	1.600	0.51	100/0.25V
CSM105R-821M	820	1.770	0.48	100/0.25V

※1. All test data is referenced to 20°C ambient;

※2. The maximum rated current is a DC current which causes initial inductance to decrease by 35% or temperature to rise by 40°C, which is smaller(at ambient reference temperature: 20°C)

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