华锐达®
COIL-RIDA

CSMFL 系列

❊ FEATURES（特性）

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

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、DC/DC变压器之电源供应等

❊ PART NUMBERING SYSTEM 品名系统

CSMFL	322520	-	4R7	M
1	2		3	4

①

华锐达品名	
CSMFL	方形开磁电感

②

产品型号	
321618	3.5*1.8*2.0
322520	3.5*2.8*2.1
...	...

③

产品感值	
4R7	4.7 μH
470	47 μH
471	470 μH
472	1000 μH

④

感量公差	
K	±10%
M	±20%
N	±30%

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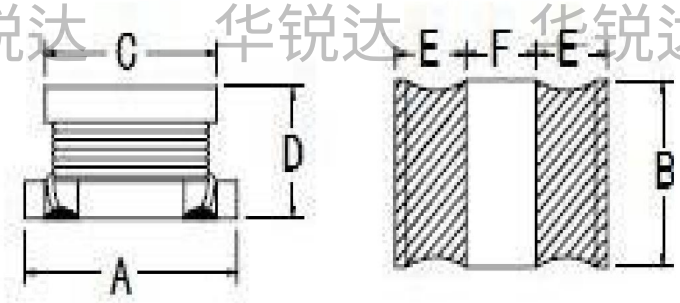
●EXTERNAL DIMENSIONS UNIT：mm（外形尺寸）



PART NO.	A MAX	B MAX	C	D	E	F
CSMFL321618	3.5MAX	1.8MAX	1.8MAX	2.0MAX	1.10	1.20
CSMFL322520	3.5MAX	2.8MAX	2.8MAX	2.1MAX	1.10	1.20
CSMFL453226	4.8MAX	3.5MAX	3.8MAX	3.0MAX	1.30	1.80
CSMFL575047	6.0MAX	5.1MAX	5.2MAX	5.0MAX	1.80	2.40

CSMFL321618 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
CSMFL321618-R12N	0.12	0.112	0.97	100/0.25V
CSMFL321618-R22N	0.22	0.140	0.85	100/0.25V
CSMFL321618-R47N	0.47	0.210	0.70	100/0.25V
CSMFL321618-1R0N	1	0.364	0.51	100/0.25V
CSMFL321618-2R2N	2.2	0.533	0.43	100/0.25V
CSMFL321618-4R7M	4.7	0.845	0.34	100/0.25V
CSMFL321618-100M	10	1.690	0.23	100/0.25V
CSMFL321618-220M	22	3.900	0.16	100/0.25V
CSMFL321618-470M	47	10.400	0.10	100/0.25V
CSMFL321618-101M	100	15.600	0.08	100/0.25V

CSMFL322520 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
CSMFL322520-1R0N	1	0.117	0.80	100/0.25V
CSMFL322520-2R2N	2.2	0.169	0.60	100/0.25V
CSMFL322520-4R7M	4.7	0.260	0.45	100/0.25V
CSMFL322520-100M	10	0.572	0.30	100/0.25V
CSMFL322520-220M	22	0.923	0.25	100/0.25V
CSMFL322520-470M	47	1.690	0.17	100/0.25V
CSMFL322520-101M	100	4.550	0.10	100/0.25V
CSMFL322520-221M	220	10.920	0.07	100/0.25V
CSMFL322520-331M	330	13.000	0.06	100/0.25V
CSMFL322520-391M	390	22.100	0.05	100/0.25V
CSMFL322520-471M	470	24.700	0.04	100/0.25V
CSMFL322520-561M	560	28.600	0.03	100/0.25V

TEST FREQ:100kHz 0.25v
Rated current: smaller value of either Isat or Iemp
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)

所有产品感量均可定制。 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。

华锐达®
COIL-RIDA

CSMFL453226 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
CSMFL453226-4R7M	4.7	0.150	0.75	100/0.25V
CSMFL453226-6R8M	6.8	0.200	0.72	100/0.25V
CSMFL453226-100M	10	0.240	0.65	100/0.25V
CSMFL453226-150M	15	0.320	0.57	100/0.25V
CSMFL453226-220M	22	0.600	0.42	100/0.25V
CSMFL453226-330M	33	1.000	0.31	100/0.25V
CSMFL453226-470M	47	1.100	0.28	100/0.25V
CSMFL453226-680M	68	1.700	0.22	100/0.25V
CSMFL453226-101M	100	2.200	0.19	100/0.25V
CSMFL453226-150M	150	3.500	0.13	100/0.25V
CSMFL453226-221M	220	4.000	0.11	100/0.25V
CSMFL453226-331M	330	6.800	0.10	100/0.25V
CSMFL453226-471M	470	8.500	0.09	100/0.25V

CSMFL575047 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
CSMFL575047-1R0N	1	0.020	9.00	100/0.25V
CSMFL575047-2R2N	2.2	0.035	6.54	100/0.25V
CSMFL575047-3R3N	3.3	0.054	5.48	100/ 0.25V
CSMFL575047-4R7M	4.7	0.081	4.48	100/0.25V
CSMFL575047-6R8M	6.8	0.124	3.57	100/0.25V
CSMFL575047-100M	10	0.167	3.06	100/0.25V
CSMFL575047-150M	15	0.215	2.63	100/0.25V
CSMFL575047-220M	22	0.322	2.21	100/0.25V
CSMFL575047-330M	33	0.448	1.75	100/0.25V
CSMFL575047-470M	47	0.586	1.50	100/0.25V
CSMFL575047-680M	68	0.806	1.30	100/0.25V
CSMFL575047-101M	100	1.100	1.05	100/0.25V
CSMFL575047-150M	150	1.575	0.94	100/0.25V
CSMFL575047-221M	220	2.550	0.72	100/0.25V
CSMFL575047-331M	330	3.600	0.60	100/0.25V
CSMFL575047-391M	390	4.000	0.55	100/0.25V

TEST FREQ:100kHz 0.25v
Rated current: smaller value of either Isat or Iemp
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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