



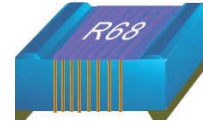
繞線高頻貼片電感
Wirewound Chip Open-type Inductor

TYPE: 0805 Series

Feature (特性)

- ◆ High Frequency (高頻)
- ◆ Highest Possible SRFs as well as excellent Q Values
(高共振頻率及高品質因素)
- ◆ The wire is wound directly on the ceramic core at a precision pitch
(高精度繞線產品)

Figure:



Applications

- ◆ Pager, Cordless phone & High Frequency Communication products
(呼叫器, 行動電話及高頻通訊設備等產品)
- ◆ GPS (衛星導航系統/北斗星導航系統)

ORDERING INFORMATION

Example: CG0805-2N2MS (0805-2.2 nH ±20% Tin)

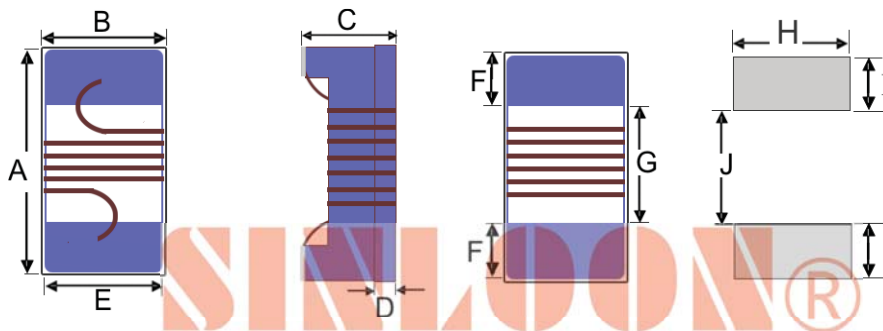
Size	Type	* ₁ Inductance	Tolerance		Terminal	Packing
1.8 x 1.2 x 1.25	CG0603	2.0~390 nH	A=±0.1nH	G= ±2%	* ₂ G	T=Taping
1.8 x 1.2 x 1.25	CS0603	1.6~470nH	B=±0.15nH	J= ±5%	* ₃ S	B=Bulk
2.29 x 1.73 x 1.52	CG0805	2.2~1000nH	C=±0.3nH	K= ±10%		
2.29 x 1.73 x 1.52	FS0805	0.47~10µH	D=±0.5nH	M= ±20%		

- *₁ Inductance: See Specification Part Number.
- *₂ G : Super-adhesion Molybdenum / Manganese with Gold overplating.
- *₃ S : Tin

DIMENSION

Unit: in mm

Type	A(max)	B (max)	C (max)	D (Ref.)	E	F	G	H	I	J
CG0603	1.80	1.20	1.25	0.50	1.0	0.33	0.86	1.02	0.64	0.64
CS0603	1.80	1.20	1.02	0.45	1.0	0.33	0.86	1.02	0.64	0.64
CG0805	2.29	1.73	1.52	0.51	1.3	0.51	1.02	1.78	1.02	0.76
FS0805	2.29	1.73	1.52	0.51	1.3	0.51	1.02	1.78	1.02	0.76



* Design as customer's requested specification, please contact us. (我們可依你的特殊需求設計和生產, 請聯絡我們)





繞線高頻貼片電感

TYPE: CG-0805 Series

Wirewound Chip Open-type Inductor



□ Standard Electrical Specifications CG0805 (2012) Chip Inductor

Part Number CG0805 (2012) 貨編	Inductance (nH) 電感值(L)	* Tolerance 誤差值	Q (min) 品質因數	Freque (MHz)		SRF(GHz) (min) 共振頻率	DCR(Ω) (max) 直流阻抗	IDC(mA) (max) 定格電流
				L	Q			
				測試頻率				
CG0805-2N2□	2.2	M	15	250	1500	6000	0.080	600
CG0805-3N3□	3.3	M	50	250	1500	6000	0.080	600
CG0805-6N8□	6.8	M	50	250	1000	5500	0.110	600
CG0805-8N2□	8.2	M	50	250	1000	4700	0.120	600
CG0805-12N□	12	K	50	250	500	4000	0.150	600
CG0805-15N□	15	K	50	250	500	3400	0.170	600
CG0805-18N□	18	K	50	250	500	3300	0.200	600
CG0805-22N□	22	K	55	250	500	2600	0.220	500
CG0805-27N□	27	K	55	250	500	2500	0.250	500
CG0805-33N□	33	K	60	250	500	2050	0.270	500
CG0805-39N□	39	K	60	250	500	2000	0.290	500
CG0805-47N□	47	K	60	200	500	1650	0.310	500
CG0805-56N□	56	K	60	200	500	1550	0.340	500
CG0805-68N□	68	K	60	200	500	1450	0.380	500
CG0805-82N□	82	K	65	150	500	1300	0.420	400
CG0805-R10□	100	J	65	150	500	1200	0.460	400
CG0805-R12□	120	J	50	150	250	1100	0.510	400
CG0805-R15□	150	J	50	100	250	920	0.560	400
CG0805-R18□	180	J	50	100	250	870	0.640	400
CG0805-R22□	220	J	40	100	250	850	0.700	400
CG0805-R27□	270	J	40	100	250	800	1.100	280
CG0805-R33□	330	J	40	100	250	750	1.200	260
CG0805-R39□	390	J	40	100	250	700	1.500	200
CG0805-R47□	470	J	40	100	100	650	2.500	170
CG0805-R56□	560	J	30	50	50	600	3.500	170
CG0805-R68□	680	J	30	50	50	550	4.000	170
CG0805-R82□	820	J	25	50	50	450	4.400	170
CG0805-1R0□	1000	J	25	50	50	350	4.700	150

Operating temperature: -40°C ~ 125°C

IDC for 15°C Rise.

* Tolerance : See page 1 [ORDERING INFORMATION].

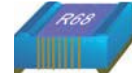


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繞線高頻貼片電感

TYPE: FS-0805 Series

Wirewound Chip Open-type Inductor



Standard Electrical Specifications FS0805 (2012) Chip Inductor

Part Number FS0805 (2012) 貨編	Inductance (μ H) 電感值(L)	* Tolerance 誤差值	Q (min) 品質因數	Freque (MHz) 測試頻率	SRF(GHz) (min) 共振頻率	DCR(Ω) (max) 直流阻抗	IDC(mA) (max) 定格電流
FS0805-R47 <input type="checkbox"/>	0.47	M	20	25.2	375	0.95	500
FS0805-R56 <input type="checkbox"/>	0.56	M	20	25.2	340	1.1	450
FS0805-R68 <input type="checkbox"/>	0.68	M	20	25.2	288	1.2	400
FS0805-R82 <input type="checkbox"/>	0.82	M	20	25.2	215	1.5	300
FS0805-1R0 <input type="checkbox"/>	1.0	M	20	25.2	200	2.13	180
FS0805-1R2 <input type="checkbox"/>	1.2	M	15	7.96	200	2.38	150
FS0805-1R5 <input type="checkbox"/>	1.5	M	15	7.96	200	2.9	130
FS0805-1R8 <input type="checkbox"/>	1.8	M	15	7.96	120	3	120
FS0805-2R2 <input type="checkbox"/>	2.2	M	15	7.96	110	3.1	110
FS0805-2R7 <input type="checkbox"/>	2.7	M	15	7.96	100	3.5	100
FS0805-3R3 <input type="checkbox"/>	3.3	M	15	7.96	70	2.3	210
FS0805-3R9 <input type="checkbox"/>	3.9	M	15	7.96	60	2.5	200
FS0805-4R7 <input type="checkbox"/>	4.7	M	15	7.96	50	2.8	180
FS0805-5R6 <input type="checkbox"/>	5.6	M	15	7.96	45	3	160
FS0805-6R8 <input type="checkbox"/>	6.8	M	15	7.96	45	3.2	13
FS0805-8R2 <input type="checkbox"/>	8.2	M	15	7.96	40	3.5	120
FS0805-100 <input type="checkbox"/>	100	M	15	2.52	40	5	80

Operating temperature: -40°C ~ 125°C

IDC for 15°C Rise.

*Tolerance : See page 1 [ORDERING INFORMATION].

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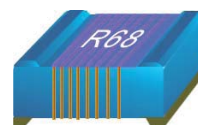
繞線高頻貼片電感

TYPE: 0805 Series

Wirewound Chip Open-type Inductor

PACKING

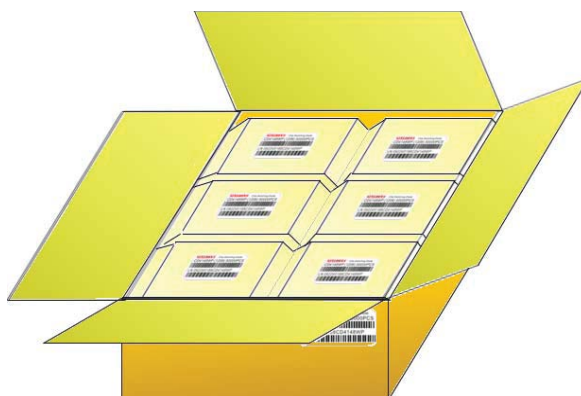
Size	Type	Quantity (ea)		
(1608)	CG0603	3,000 / Reel	100K / Inner Box	600K / Carton
(1608)	CS0603	4,000 / Reel	40K / Inner Box	240K / Carton
(2012)	CG0805	3,000 / Reel	40K / Inner Box	240K / Carton
(2012)	FS0805	3,000 / Reel	30K / Inner Box	180K / Carton



178mm / Reel Tape



Inner Box



Carton

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※Mayloon characteristic parameters of electronic product specification changes or updates without notice to improve .

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