



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

TYPE: CG-1210 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: CG1210-10NJS (1210 10nH ±5% Tin)

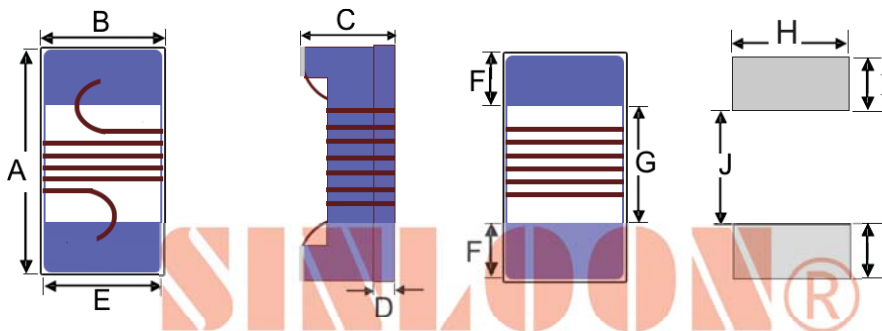
Size	Type	* ₁ Inductance	Tolerance		Terminal	Packing
2.92 x 2.79 x 2.23	CG1008 (2520)	10 nH ~ 10 µH	A=±0.1nH	G= ±2%	* ₂ G	T=Taping
2.92 x 2.79 x 2.23	FS1008 (2520)	1.0 µH ~ 100 µH	B=±0.15nH	J= ±5%	* ₃ S	B=Bulk
3.2 x 2.5 x 2.2	CG1210 (3225)	4.7 nH ~ 2200 nH	C=±0.3nH	K= ±10%		
			D=±0.5nH	M= ±20%		

- *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
CG1008	2.92	2.79	2.23	0.51	2.0	0.51	1.52	2.54	1.02	1.27
FC1008	2.92	2.79	2.23	0.51	2.0	0.51	1.52	2.54	1.02	1.27
CG1210	3.20	2.5	2.2	0.5	0.5	---	---	2.8	1.15	1.7



* 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)





Standard Electrical Specifications CG1210 (3225) Chip Inductor

Part Number CG1210 (3225) 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				
CG1210-4N7□	4.7	B.C.	50	100	1000	6000	0.060	1000
CG1210-5N6□	5.6	B.J.K.	50	100	1000	5500	0.080	1000
CG1210-10N□	10	G.J.K.	60	100	500	4000	0.060	1000
CG1210-12N□	12	G.J.K.	60	100	500	3400	0.060	1000
CG1210-15N□	15	G.J.K.	60	100	500	3200	0.060	1000
CG1210-18N□	18	G.J.K.	60	100	300	2800	0.060	1000
CG1210-22N□	22	G.J.K.	60	100	300	2300	0.080	1000
CG1210-27N□	27	G.J.K.	60	100	300	2000	0.080	1000
CG1210-33N□	33	G.J.K.	60	100	300	1800	0.080	1000
CG1210-39N□	39	G.J.K.	60	100	300	1800	0.080	1000
CG1210-47N□	47	G.J.K.	60	100	300	1600	0.080	1000
CG1210-56N□	56	G.J.K.	60	100	300	1500	0.100	1000
CG1210-68N□	68	G.J.K.	60	100	300	1300	0.100	1000
CG1210-82N□	82	G.J.K.	60	100	300	1200	0.100	1000
CG1210-R10□	100	G.J.K.	60	100	300	1100	0.100	1000
CG1210-R12□	120	G.J.K.	60	50	300	900	0.120	800
CG1210-R15□	150	G.J.K.	60	50	300	800	0.180	800
CG1210-R18□	180	G.J.K.	60	50	300	760	0.210	800
CG1210-R22□	220	G.J.K.	60	50	300	660	0.270	800
CG1210-R27□	270	G.J.K.	50	50	300	600	0.330	700
CG1210-R33□	330	G.J.K.	50	50	100	550	0.370	650
CG1210-R39□	390	G.J.K.	50	50	100	500	0.630	600
CG1210-R47□	470	G.J.K.	50	50	100	450	0.690	550
CG1210-R56□	560	G.J.K.	50	50	100	400	0.900	450
CG1210-R68□	680	G.J.K.	50	25	100	380	1.050	400
CG1210-R82□	820	G.J.K.	50	25	100	350	1.450	350
CG1210-1R0□	1000	G.J.K.	45	25	100	300	1.900	280
CG1210-1R2□	1200	G.J.K.	45	7.96	50	300	2.200	250
CG1210-1R5□	1500	G.J.K.	45	7.96	50	250	2.430	220
CG1210-1R8□	1800	G.J.K.	45	7.96	50	200	3.360	180
CG1210-2R2□	2200	G.J.K.	40	7.96	50	200	3.500	150

Operating temperature: -40°C ~ 125°C

IDC for 15°C Rise.

* Tolerance : See page 1 [ORDERING INFORMATION].



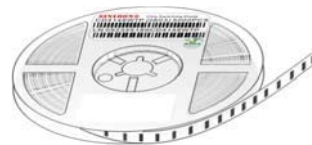
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TYPE: CG-1210 Series

PACKING

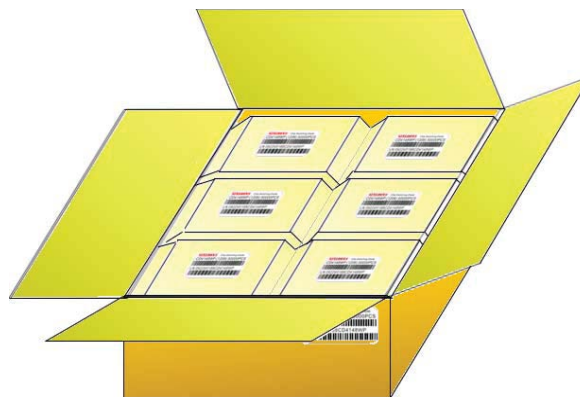
Size	Type	Quantity (ea)		
(1608)	CG0603	3,000 /Reel	100K / Inner Box	600K / Carton
(1608)	CS0603	4,000 /Reel	40K / Inner Box	240K / Carton
(2012)	CG0805	3,000 /Reel	40K / Inner Box	240K / Carton
(2012)	FS0805	3,000 /Reel	30K / Inner Box	180K / Carton
(3225)	CG1210	2,000 /Reel	20K / Inner Box	120K / Carton



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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