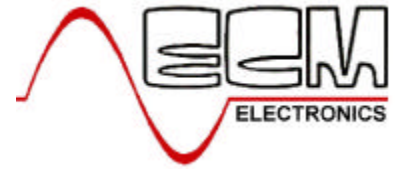


ECM 1210 Ceramic RF Chip Inductor



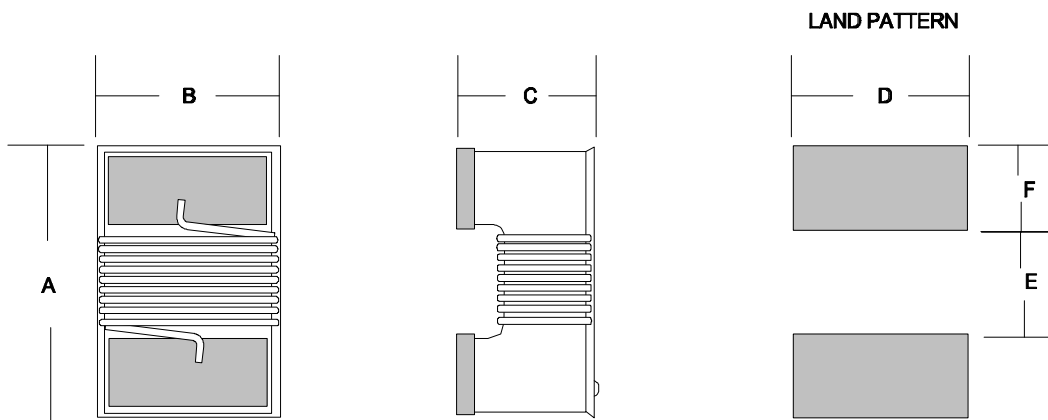
EC1210 Series

- Standard EIA 1210 package
- Wire-wound Construction
- Ceramic Core
- High 'Q'
- High SRF
- Typical Reel Size 2000pcs



The EC1210 range of chip coils features typically lower dcR than the other EC SMD inductors. The standard Gold laminated Tungsten-Nickel terminations allow excellent solderability as well as use with many conductive adhesives.

COMPONENT OUTLINE



DIMENSIONS (mm)

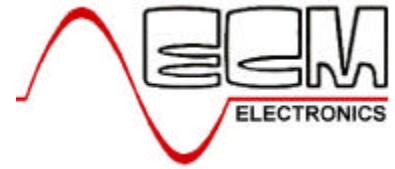
A	B	C	D	E	F
3.56	2.92	2.25	2.54	1.78	1.02

Specify terminal type :- 01 = W/Ni/Au - STANDARD 02 = Pd/Pt/Ag – SUPER SOLDERABILITY

ECM Electronics Limited, Penmaen House, Ashington, West Sussex, RH20 3JR, UK
Tel: +44(0)1903 892810: Fax: +44(0)1903 892738. Email: ecm@ecmelectronics.co.uk

Although we have attempted to accurately reflect the products we market. ECM reserve the right without prior notice to discontinue any product or make design changes we believe necessary.

ECM 1210 Ceramic RF Chip Inductor



ECM Part	L (nH)	Tol %	Q Min.	SRF Min. (MHz)	R_{DC} MAX (W)	I_{DC} I_N (mA)
EC1210A-010	10 @50MHz	K	50 @500MHz	4100	0.08	1000
EC1210A-012	12 @50MHz	K	50 @500MHz	3300	0.09	1000
EC1210A-015	15 @50MHz	K	50 @500MHz	2500	0.10	1000
EC1210A-018	18 @50MHz	J,K	50 @350MHz	2500	0.11	1000
EC1210A-022	22 @50MHz	J,K	55 @350MHz	2400	0.12	1000
EC1210A-027	27 @50MHz	G,J,K	55 @350MHz	1600	0.13	1000
EC1210A-033	33 @50MHz	G,J,K	60 @350MHz	1600	0.14	1000
EC1210A-039	39 @50MHz	G,J,K	60 @350MHz	1500	0.15	1000
EC1210A-047	47 @50MHz	G,J,K	65 @350MHz	1500	0.16	1000
EC1210A-056	56 @50MHz	G,J,K	65 @350MHz	1300	0.18	1000
EC1210A-068	68 @50MHz	G,J,K	65 @350MHz	1300	0.20	1000
EC1210A-082	82 @50MHz	G,J,K	60 @350MHz	1000	0.22	1000
EC1210A-R10	100 @25MHz	G,J,K	60 @350MHz	1000	0.24	980
EC1210A-R12	120 @25MHz	G,J,K	60 @350MHz	950	0.26	920
EC1210A-R15	150 @25MHz	G,J,K	50 @100MHz	850	0.29	870
EC1210A-R18	180 @25MHz	G,J,K	50 @100MHz	750	0.31	830
EC1210A-R22	220 @25MHz	G,J,K	50 @100MHz	700	0.35	790
EC1210A-R27	270 @25MHz	G,J,K	45 @100MHz	600	0.42	730
EC1210A-R33	330 @25MHz	G,J,K	45 @100MHz	570	0.49	680
EC1210A-R39	390 @25MHz	G,J,K	45 @100MHz	500	0.54	640
EC1210A-R47	470 @25MHz	G,J,K	45 @100MHz	450	0.60	610
EC1210A-R56	560 @25MHz	G,J,K	45 @100MHz	415	1.00	460
EC1210A-R68	680 @25MHz	G,J,K	45 @100MHz	375	1.15	420
EC1210A-R82	820 @25MHz	G,J,K	45 @100MHz	350	1.93	350
EC1210A-1R0	1000 @25MHz	G,J,K	35 @50MHz	290	2.16	330
EC1210A-1R2	1200 @7.9MHz	J,K	35 @50MHz	250	2.38	310
EC1210A-1R5	1500 @7.9MHz	J,K	25 @50MHz	200	2.64	300
EC1210A-1R8	1800 @7.9MHz	J,K	25 @50MHz	160	2.76	290
EC1210A-2R2	2200 @7.9MHz	J,K	25 @50MHz	160	2.98	280
EC1210A-2R7	2700 @7.9MHz	J,K	25 @25MHz	140	3.30	260
EC1210A-3R3	3300 @7.9MHz	J,K	25 @25MHz	110	3.66	250
EC1210A-3R9	3900 @7.9MHz	J,K	20 @25MHz	100	4.00	240
EC1210A-4R7	4700 @7.9MHz	J,K	20 @25MHz	90	4.30	230

TOLERANCES G=2%; J=5%; K=10%.

ECM Electronics Limited, Penmaen House, Ashington, West Sussex, RH20 3JR, UK
 Tel: +44(0)1903 892810: Fax: +44(0)1903 892738. Email: ecm@ecmelectronics.co.uk

Although we have attempted to accurately reflect the products we market. ECM reserve the right without prior notice to discontinue any product or make design changes we believe necessary.