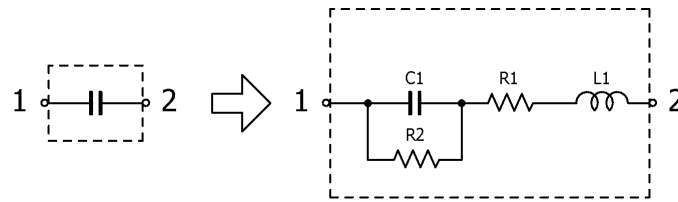


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

High Reliability Grade (General (Up to 50V)) / CGJ2 series (1/3)

Circuit Diagram



Circuit Parameters

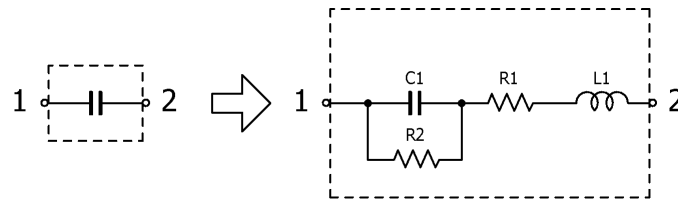
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGJ2B2C0G1H010C050BA	1	0.370	0.8671	10.0
CGJ2B2C0G1H1R5C050BA	1.5	0.370	0.7727	10.0
CGJ2B2C0G1H020C050BA	2	0.370	0.5777	10.0
CGJ2B2C0G1H2R2C050BA	2.2	0.370	1.1611	10.0
CGJ2B2C0G1H030C050BA	3	0.370	0.5716	10.0
CGJ2B2C0G1H3R3C050BA	3.3	0.370	0.6580	10.0
CGJ2B2C0G1H040C050BA	4	0.370	0.4194	10.0
CGJ2B2C0G1H4R7C050BA	4.7	0.370	0.4124	10.0
CGJ2B2C0G1H050C050BA	5	0.370	0.3088	10.0
CGJ2B2C0G1H060D050BA	6	0.370	0.3479	10.0
CGJ2B2C0G1H6R8D050BA	6.8	0.370	0.3066	10.0
CGJ2B2C0G1H070D050BA	7	0.370	0.2969	10.0
CGJ2B2C0G1H080D050BA	8	0.370	0.2941	10.0
CGJ2B2C0G1H090D050BA	9	0.370	0.2694	10.0
CGJ2B2C0G1H100D050BA	10	0.370	0.2845	10.0
CGJ2B2C0G1H120J050BA	12	0.370	0.2481	10.0
CGJ2B2C0G1H150J050BA	15	0.370	0.2050	10.0
CGJ2B2C0G1H180J050BA	18	0.370	0.2248	10.0
CGJ2B2C0G1H220J050BA	22	0.370	0.1883	10.0
CGJ2B2C0G1H270J050BA	27	0.370	0.1753	10.0
CGJ2B2C0G1H330J050BA	33	0.370	0.1737	10.0
CGJ2B2C0G1H390J050BA	39	0.370	0.1455	10.0
CGJ2B2C0G1H470J050BA	47	0.370	0.1126	10.0
CGJ2B2C0G1H560J050BA	56	0.370	0.1085	10.0
CGJ2B2C0G1H680J050BA	68	0.370	0.1017	10.0
CGJ2B2C0G1H820J050BA	82	0.370	0.1065	10.0
CGJ2B2C0G1H101J050BA	100	0.370	0.1104	10.0
CGJ2B2C0G1H121J050BA	120	0.370	0.0877	10.0
CGJ2B2C0G1H151J050BA	150	0.370	0.0978	10.0
CGJ2B2C0G1H181J050BA	180	0.370	0.0761	10.0
CGJ2B2C0G1H221J050BA	220	0.370	0.0687	10.0
CGJ2B2C0G1H271J050BA	270	0.370	0.0704	10.0
CGJ2B2C0G1H331J050BA	330	0.370	0.0667	10.0
CGJ2B2C0G1H391J050BA	390	0.370	0.0540	10.0
CGJ2B2C0G1H471J050BA	470	0.370	0.0506	10.0
CGJ2B2C0G1H561J050BA	560	0.370	0.0643	10.0
CGJ2B2C0G1H681J050BA	680	0.370	0.0561	10.0

Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

High Reliability Grade (General (Up to 50V)) / CGJ2 series (2/3)

Circuit Diagram



Circuit Parameters

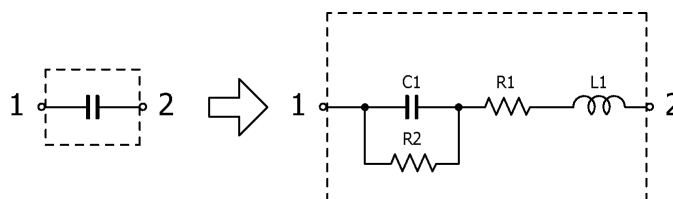
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGJ2B2C0G1H821J050BA	820	0.370	0.0475	10.0
CGJ2B2C0G1H102J050BA	1,000	0.370	0.0408	10.0
CGJ2B2X7R1H102K050BA	1,000	0.370	0.2349	10.0
CGJ2B2X7R1E102K050BA	1,000	0.370	0.2349	10.0
CGJ2B2X7R1C102K050BA	1,000	0.370	0.2349	10.0
CGJ2B2X7R1H152K050BA	1,500	0.370	0.1966	10.0
CGJ2B2X7R1E152K050BA	1,500	0.370	0.1966	10.0
CGJ2B2X7R1C152K050BA	1,500	0.370	0.1966	10.0
CGJ2B2X7R1H222K050BA	2,200	0.370	0.1416	10.0
CGJ2B2X7R1E222K050BA	2,200	0.370	0.1416	10.0
CGJ2B2X7R1C222K050BA	2,200	0.370	0.1416	10.0
CGJ2B2X7R1H332K050BA	3,300	0.370	0.1188	10.0
CGJ2B2X7R1E332K050BA	3,300	0.370	0.1188	10.0
CGJ2B2X7R1C332K050BA	3,300	0.370	0.1188	10.0
CGJ2B2X7R1H472K050BA	4,700	0.370	0.0824	10.0
CGJ2B2X7R1E472K050BA	4,700	0.370	0.0824	10.0
CGJ2B2X7R1C472K050BA	4,700	0.370	0.0824	10.0
CGJ2B2X7R1H682K050BA	6,800	0.370	0.0747	10.0
CGJ2B2X7R1E682K050BA	6,800	0.370	0.0747	10.0
CGJ2B2X7R1C682K050BA	6,800	0.370	0.0747	10.0
CGJ2B3X7R1H103K050BB	10,000	0.370	0.0806	10.0
CGJ2B2X7R1E103K050BA	10,000	0.370	0.0722	10.0
CGJ2B2X7R1C103K050BA	10,000	0.370	0.0722	10.0
CGJ2B3X7R1H153K050BB	15,000	0.370	0.0583	10.0
CGJ2B2X7R1E153K050BA	15,000	0.370	0.0640	10.0
CGJ2B2X7R1C153K050BA	15,000	0.370	0.0640	6.67
CGJ2B3X7R1H223K050BB	22,000	0.370	0.0436	10.0
CGJ2B2X7R1E223K050BA	22,000	0.370	0.0421	10.0
CGJ2B2X7R1C223K050BA	22,000	0.370	0.0421	4.55
CGJ2B3X7R1H333K050BB	33,000	0.370	0.0310	10.0
CGJ2B2X7R1E333K050BA	33,000	0.370	0.0361	10.0
CGJ2B2X7R1C333K050BA	33,000	0.370	0.0374	3.03
CGJ2B3X7R1H473K050BB	47,000	0.370	0.0263	10.0
CGJ2B2X7R1E473K050BA	47,000	0.370	0.0263	10.0
CGJ2B2X7R1C473K050BA	47,000	0.370	0.0263	2.13
CGJ2B3X7R1E683K050BB	68,000	0.370	0.0257	7.35
CGJ2B2X7R1C683K050BA	68,000	0.370	0.0257	1.47

Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

High Reliability Grade (General (Up to 50V)) / CGJ2 series (3/3)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGJ2B3X7R1E104K050BB	100,000	0.370	0.0198	5.00
CGJ2B2X7R1C104K050BA	100,000	0.370	0.0198	1.00