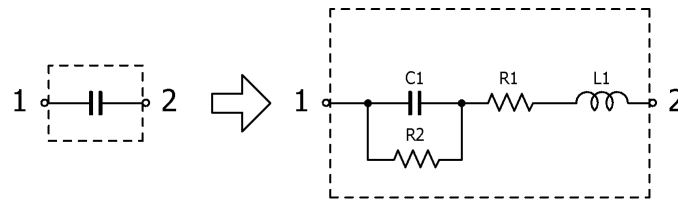


## Multilayer Ceramic Chip Capacitors

June 29, 2015  
Simple Model

High Reliability Grade ( General (Up to 50V) ) / CGJ4 series (1/3)

### Circuit Diagram



### Circuit Parameters

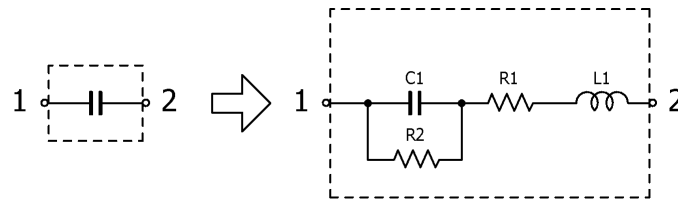
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGJ4C2C0G1H101J060AA	100	0.480	0.1579	10.0
CGJ4C2C0G1H121J060AA	120	0.480	0.1225	10.0
CGJ4C2C0G1H151J060AA	150	0.480	0.1097	10.0
CGJ4C2C0G1H181J060AA	180	0.480	0.0942	10.0
CGJ4C2C0G1H221J060AA	220	0.480	0.0883	10.0
CGJ4C2C0G1H271J060AA	270	0.480	0.0712	10.0
CGJ4C2C0G1H331J060AA	330	0.480	0.0957	10.0
CGJ4C2C0G1H391J060AA	390	0.480	0.0595	10.0
CGJ4C2C0G1H471J060AA	470	0.480	0.0760	10.0
CGJ4C2C0G1H561J060AA	560	0.480	0.0669	10.0
CGJ4C2C0G1H681J060AA	680	0.480	0.0511	10.0
CGJ4C2C0G1H821J060AA	820	0.480	0.0519	10.0
CGJ4C2C0G1H102J060AA	1,000	0.480	0.0399	10.0
CGJ4C2C0G1H122J060AA	1,200	0.480	0.0411	10.0
CGJ4C2C0G1H152J060AA	1,500	0.480	0.0356	10.0
CGJ4C2C0G1H182J060AA	1,800	0.480	0.0320	10.0
CGJ4C2C0G1H222J060AA	2,200	0.480	0.0254	10.0
CGJ4C2C0G1H272J060AA	2,700	0.480	0.0528	10.0
CGJ4C2C0G1H332J060AA	3,300	0.480	0.0268	10.0
CGJ4C2C0G1H392J060AA	3,900	0.480	0.0257	10.0
CGJ4C2C0G1H472J060AA	4,700	0.480	0.0436	10.0
CGJ4C2C0G1H562J060AA	5,600	0.480	0.0207	10.0
CGJ4C2C0G1H682J060AA	6,800	0.480	0.0198	10.0
CGJ4C2C0G1H822J060AA	8,200	0.480	0.0162	10.0
CGJ4C2C0G1H103J060AA	10,000	0.480	0.0370	10.0
CGJ4F2C0G1H153J085AA	15,000	0.480	0.0130	10.0
CGJ4J2C0G1H223J125AA	22,000	0.480	0.0120	10.0
CGJ4J2C0G1H333J125AA	33,000	0.480	0.0085	10.0
CGJ4J2X7R1H333K125AA	33,000	0.480	0.0364	10.0
CGJ4J2X7R1E333K125AA	33,000	0.480	0.0364	10.0
CGJ4J2X7R1C333K125AA	33,000	0.480	0.0364	3.03
CGJ4J2X7R1H473K125AA	47,000	0.480	0.0301	10.0
CGJ4J2X7R1E473K125AA	47,000	0.480	0.0301	10.0
CGJ4J2X7R1C473K125AA	47,000	0.480	0.0301	2.13
CGJ4J2X7R1H683K125AA	68,000	0.480	0.0196	7.35
CGJ4J2X7R1E683K125AA	68,000	0.480	0.0196	7.35
CGJ4J2X7R1C683K125AA	68,000	0.480	0.0196	1.47

## Multilayer Ceramic Chip Capacitors

June 29, 2015  
Simple Model

High Reliability Grade ( General (Up to 50V) ) / CGJ4 series (2/3)

### Circuit Diagram



### Circuit Parameters

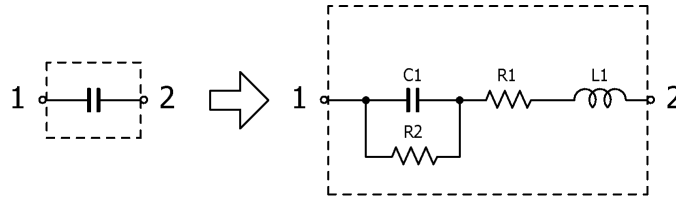
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGJ4J2X7R1H104K125AA	100,000	0.480	0.0197	5.00
CGJ4J2X7R1E104K125AA	100,000	0.480	0.0197	5.00
CGJ4J2X7R1C104K125AA	100,000	0.480	0.0197	1.00
CGJ4J2X7R1H154K125AA	150,000	0.480	0.0114	3.33
CGJ4J2X7R1E154K125AA	150,000	0.480	0.0114	3.33
CGJ4J2X7R1C154K125AA	150,000	0.480	0.0114	0.666
CGJ4J2X7R1H224K125AA	220,000	0.480	0.0116	2.27
CGJ4J2X7R1E224K125AA	220,000	0.480	0.0116	2.27
CGJ4J2X7R1C224K125AA	220,000	0.480	0.0116	0.454
CGJ4J2X7R1A224K125AA	220,000	0.480	0.0116	0.454
CGJ4J2X7R0J224K125AA	220,000	0.480	0.0116	0.454
CGJ4J2X7R1H334K125AA	330,000	0.480	0.0101	1.52
CGJ4J2X7R1E334K125AA	330,000	0.480	0.0101	1.52
CGJ4J2X7R1C334K125AA	330,000	0.480	0.0101	0.303
CGJ4J2X7R1A334K125AA	330,000	0.480	0.0101	0.303
CGJ4J2X7R0J334K125AA	330,000	0.480	0.0101	0.303
CGJ4J3X7R1H474K125AB	470,000	0.480	0.0151	1.06
CGJ4J2X7R1E474K125AA	470,000	0.480	0.0151	1.06
CGJ4J2X7R1C474K125AA	470,000	0.480	0.0151	0.212
CGJ4J2X7R1A474K125AA	470,000	0.480	0.0151	0.212
CGJ4J2X7R0J474K125AA	470,000	0.480	0.0151	0.212
CGJ4J3X7R1H684K125AB	680,000	0.480	0.0105	0.735
CGJ4J2X7R1E684K125AA	680,000	0.480	0.0105	0.735
CGJ4J2X7R1C684K125AA	680,000	0.480	0.0105	0.147
CGJ4J2X7R1A684K125AA	680,000	0.480	0.0105	0.147
CGJ4J2X7R0J684K125AA	680,000	0.480	0.0105	0.147
CGJ4J3X7R1H105K125AB	1,000,000	0.480	0.0091	0.500
CGJ4J2X7R1E105K125AA	1,000,000	0.480	0.0091	0.500
CGJ4J2X7R1C105K125AA	1,000,000	0.480	0.0091	0.100
CGJ4J2X7R1A105K125AA	1,000,000	0.480	0.0091	0.100
CGJ4J2X7R0J105K125AA	1,000,000	0.480	0.0091	0.100
CGJ4J3X7R1E155K125AB	1,500,000	0.480	0.0061	0.333
CGJ4J2X7R1C155K125AA	1,500,000	0.480	0.0061	0.0660
CGJ4J2X7R1A155K125AA	1,500,000	0.480	0.0049	0.0660
CGJ4J2X7R0J155K125AA	1,500,000	0.480	0.0049	0.0660
CGJ4J3X7R1E225K125AB	2,200,000	0.480	0.0047	0.227
CGJ4J2X7R1C225K125AA	2,200,000	0.480	0.0049	0.0450

## Multilayer Ceramic Chip Capacitors

June 29, 2015  
Simple Model

High Reliability Grade ( General (Up to 50V) ) / CGJ4 series (3/3)

### Circuit Diagram



### Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGJ4J2X7R1A225K125AA	2,200,000	0.480	0.0047	0.0450
CGJ4J2X7R0J225K125AA	2,200,000	0.480	0.0047	0.0450
CGJ4J1X7R1E335K125AC	3,300,000	0.480	0.0037	0.151
CGJ4J3X7R1C335K125AB	3,300,000	0.480	0.0037	0.0300
CGJ4J2X7R1A335K125AA	3,300,000	0.480	0.0037	0.0300
CGJ4J2X7R0J335K125AA	3,300,000	0.480	0.0037	0.0300
CGJ4J1X7R1E475K125AC	4,700,000	0.480	0.0028	0.106
CGJ4J3X7R1C475K125AB	4,700,000	0.480	0.0028	0.0210
CGJ4J2X7R1A475K125AA	4,700,000	0.480	0.0028	0.0210
CGJ4J2X7R0J475K125AA	4,700,000	0.480	0.0028	0.0210
CGJ4J1X7R0J685K125AC	6,800,000	0.480	0.0025	0.0140
CGJ4J1X7R0J106K125AC	10,000,000	0.480	0.0015	0.0100