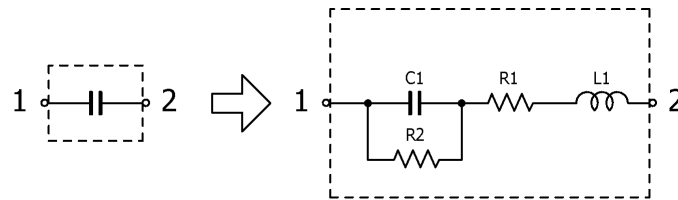


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

High Reliability Grade (Mid Voltage (100 to 630V)) / CGJ5 series (1/2)

Circuit Diagram



Circuit Parameters

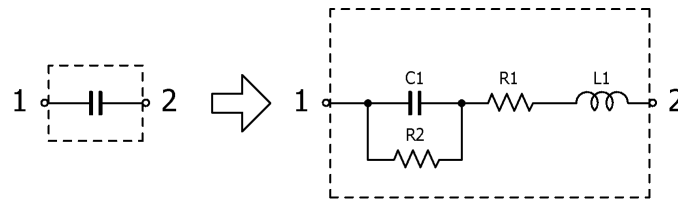
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGJ5C4C0G2H101J060AA	100	0.750	0.1405	10.0
CGJ5C4C0G2H121J060AA	120	0.750	0.1458	10.0
CGJ5C4C0G2H151J060AA	150	0.750	0.1139	10.0
CGJ5C4C0G2H181J060AA	180	0.750	0.1072	10.0
CGJ5C4C0G2H221J060AA	220	0.750	0.0856	10.0
CGJ5C4C0G2H271J060AA	270	0.750	0.0825	10.0
CGJ5C4C0G2H331J060AA	330	0.750	0.0807	10.0
CGJ5C4C0G2H391J060AA	390	0.750	0.0937	10.0
CGJ5F4C0G2H471J085AA	470	0.750	0.0832	10.0
CGJ5F4C0G2H561J085AA	560	0.750	0.0640	10.0
CGJ5F4C0G2H681J085AA	680	0.750	0.0564	10.0
CGJ5F4C0G2H821J085AA	820	0.750	0.0519	10.0
CGJ5F4C0G2H102J085AA	1,000	0.750	0.0594	10.0
CGJ5F4C0G2H122J085AA	1,200	0.750	0.0443	10.0
CGJ5H4C0G2H152J115AA	1,500	0.750	0.0377	10.0
CGJ5H4C0G2H182J115AA	1,800	0.750	0.0331	10.0
CGJ5H4C0G2H222J115AA	2,200	0.750	0.0315	10.0
CGJ5L4C0G2H272J160AA	2,700	0.750	0.0276	10.0
CGJ5L4C0G2H332J160AA	3,300	0.750	0.0260	10.0
CGJ5F3C0G2D332J085AA	3,300	0.750	0.0315	10.0
CGJ5F4C0G2H392J085AA	3,900	0.750	0.0298	10.0
CGJ5H3C0G2D392J115AA	3,900	0.750	0.0256	10.0
CGJ5C2C0G2A392J060AA	3,900	0.750	0.0231	10.0
CGJ5F4C0G2H472J085AA	4,700	0.750	0.0225	10.0
CGJ5H3C0G2D472J115AA	4,700	0.750	0.0257	10.0
CGJ5F2C0G2A472J085AA	4,700	0.750	0.0288	10.0
CGJ5H4C0G2H562J115AA	5,600	0.750	0.0276	10.0
CGJ5H3C0G2D562J115AA	5,600	0.750	0.0191	10.0
CGJ5F2C0G2A562J085AA	5,600	0.750	0.0270	10.0
CGJ5H4C0G2H682J115AA	6,800	0.750	0.0169	10.0
CGJ5L3C0G2D682J160AA	6,800	0.750	0.0227	10.0
CGJ5H2C0G2A682J115AA	6,800	0.750	0.0221	10.0
CGJ5L4C0G2H822J160AA	8,200	0.750	0.0146	10.0
CGJ5L3C0G2D822J160AA	8,200	0.750	0.0176	10.0
CGJ5H2C0G2A822J115AA	8,200	0.750	0.0169	10.0
CGJ5L4C0G2H103J160AA	10,000	0.750	0.0151	10.0
CGJ5H2C0G2A103J115AA	10,000	0.750	0.0135	10.0

Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

High Reliability Grade (Mid Voltage (100 to 630V)) / CGJ5 series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGJ5H4X7R2H102K115AA	1,000	0.750	0.2568	10.0
CGJ5H4X7R2H152K115AA	1,500	0.750	0.1766	10.0
CGJ5H4X7R2H222K115AA	2,200	0.750	0.1504	10.0
CGJ5H4X7R2H332K115AA	3,300	0.750	0.1414	10.0
CGJ5H4X7R2H472K115AA	4,700	0.750	0.0959	10.0
CGJ5H4X7R2H682K115AA	6,800	0.750	0.0743	10.0
CGJ5H4X7R2H103K115AA	10,000	0.750	0.0920	10.0
CGJ5K4X7R2H153K130AA	15,000	0.750	0.0690	10.0
CGJ5H3X7R2D153K115AA	15,000	0.750	0.0673	10.0
CGJ5K4X7R2H223K130AA	22,000	0.750	0.0555	10.0
CGJ5H4X7T2H223K115AA	22,000	0.750	0.0350	10.0
CGJ5H3X7R2D223K115AA	22,000	0.750	0.0613	10.0
CGJ5L4X7R2H333K160AA	33,000	0.750	0.0406	10.0
CGJ5H4X7T2H333K115AA	33,000	0.750	0.0292	10.0
CGJ5L3X7R2D333K160AA	33,000	0.750	0.0406	10.0
CGJ5H2X7R2A333K115AA	33,000	0.750	0.0517	10.0
CGJ5L4X7T2H473K160AA	47,000	0.750	0.0215	10.0
CGJ5L3X7R2D473K160AA	47,000	0.750	0.0330	10.0
CGJ5H2X7R2A473K115AA	47,000	0.750	0.0391	10.0
CGJ5L3X7R2D683K160AA	68,000	0.750	0.0305	7.35
CGJ5L2X7R2A683K160AA	68,000	0.750	0.0305	7.35
CGJ5L3X7R2D104K160AA	100,000	0.750	0.0212	5.00
CGJ5L2X7R2A104K160AA	100,000	0.750	0.0212	5.00
CGJ5K3X7T2D154K130AA	150,000	0.750	0.0182	3.33
CGJ5L2X7R2A154K160AA	150,000	0.750	0.0169	3.33
CGJ5L3X7T2D224K160AA	220,000	0.750	0.0125	2.27
CGJ5H2X7R2A224K115AA	220,000	0.750	0.0132	2.27
CGJ5K2X7R2A334K130AA	330,000	0.750	0.0115	1.52
CGJ5L2X7R2A474K160AA	470,000	0.750	0.0089	1.06
CGJ5L3X7S2A155K160AA	1,500,000	0.750	0.0066	0.333