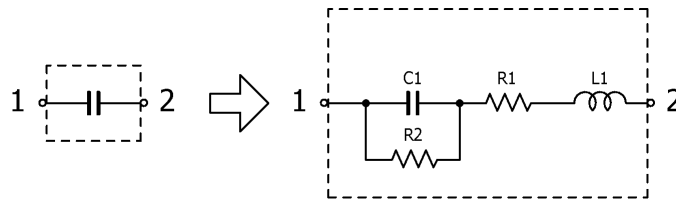


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (MEGACAP Type) / CKG45N series

Circuit Diagram



Circuit Parameters

Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CKG45NX7R2J224M500JH	220,000	2.050	0.0291	2.27
CKG45NX7T2J334M500JH	330,000	2.050	0.0225	1.52
CKG45NX7T2J474M500JH	470,000	2.050	0.0217	1.06
CKG45NX7R2E474M500JH	470,000	2.050	0.0223	1.06
CKG45NX7T2W684M500JH	680,000	2.050	0.0179	0.735
CKG45NX7T2W105M500JH	1,000,000	2.050	0.0150	0.500
CKG45NX7R2E105M500JH	1,000,000	2.050	0.0171	0.500
CKG45NX7T2E155M500JH	1,500,000	2.050	0.0175	0.333
CKG45NX7T2E225M500JH	2,200,000	2.050	0.0134	0.227
CKG45NX7R2A225M500JH	2,200,000	2.050	0.0135	0.227
CKG45NX7R1H335M500JH	3,300,000	2.050	0.0126	0.151
CKG45NX7R2A475M500JH	4,700,000	2.050	0.0099	0.106
CKG45NX7S2A685M500JH	6,800,000	2.050	0.0107	0.0730
CKG45NX7R1H685M500JH	6,800,000	2.050	0.0097	0.0730
CKG45NX7S2A106M500JH	10,000,000	2.050	0.0095	0.0500
CKG45NX5R1H106M500JH	10,000,000	2.050	0.0103	0.0500
CKG45NX7S1H106M500JH	10,000,000	2.050	0.0103	0.0500
CKG45NX7R1E106M500JH	10,000,000	2.050	0.0074	0.0500
CKG45NX7R1C226M500JH	22,000,000	2.050	0.0074	0.00400
CKG45NX5R1C476M500JH	47,000,000	2.050	0.0050	0.00200
CKG45NX7S1C476M500JH	47,000,000	2.050	0.0050	0.00200