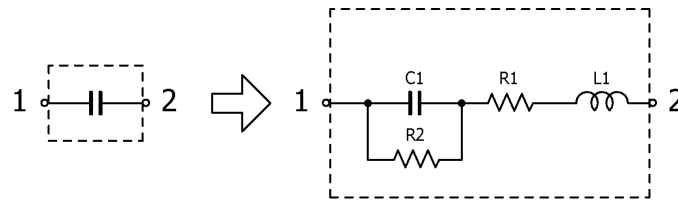


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (MEGACAP Type) / CKG45K series (1/2)

Circuit Diagram



Circuit Parameters

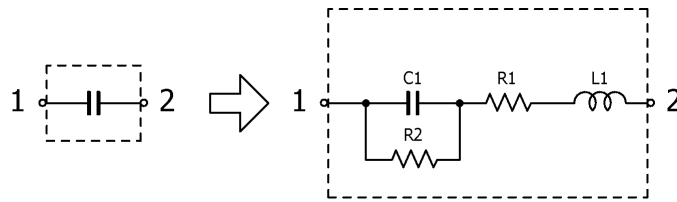
Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CKG45KX7R2J104K290JH	100,000	1.870	0.0355	5.00
CKG45KX7R2J104M290JH	100,000	1.870	0.0355	5.00
CKG45KX7T2J154K290JH	150,000	1.870	0.0303	3.33
CKG45KX7T2J154M290JH	150,000	1.870	0.0303	3.33
CKG45KX7T2J224K290JH	220,000	1.870	0.0283	2.27
CKG45KX7T2J224M290JH	220,000	1.870	0.0283	2.27
CKG45KX7R2E224K290JH	220,000	1.870	0.0297	2.27
CKG45KX7R2E224M290JH	220,000	1.870	0.0297	2.27
CKG45KX7T2W334K290JH	330,000	1.870	0.0217	1.52
CKG45KX7T2W334M290JH	330,000	1.870	0.0217	1.52
CKG45KX7T2W474K290JH	470,000	1.870	0.0226	1.06
CKG45KX7T2W474M290JH	470,000	1.870	0.0226	1.06
CKG45KX7R2E474K290JH	470,000	1.870	0.0207	1.06
CKG45KX7R2E474M290JH	470,000	1.870	0.0207	1.06
CKG45KX7T2E684K290JH	680,000	1.870	0.0201	0.735
CKG45KX7T2E684M290JH	680,000	1.870	0.0201	0.735
CKG45KX7T2E105K290JH	1,000,000	1.870	0.0166	0.500
CKG45KX7T2E105M290JH	1,000,000	1.870	0.0166	0.500
CKG45KX7R2A105K290JH	1,000,000	1.870	0.0157	0.500
CKG45KX7R2A105M290JH	1,000,000	1.870	0.0157	0.500
CKG45KX7R1H155K290JH	1,500,000	1.870	0.0121	0.333
CKG45KX7R1H155M290JH	1,500,000	1.870	0.0121	0.333
CKG45KX7R2A225K290JH	2,200,000	1.870	0.0098	0.227
CKG45KX7R2A225M290JH	2,200,000	1.870	0.0098	0.227
CKG45KX7S2A335K290JH	3,300,000	1.870	0.0093	0.151
CKG45KX7S2A335M290JH	3,300,000	1.870	0.0093	0.151
CKG45KX7R1H335K290JH	3,300,000	1.870	0.0112	0.151
CKG45KX7R1H335M290JH	3,300,000	1.870	0.0112	0.151
CKG45KX7S2A475K290JH	4,700,000	1.870	0.0125	0.106
CKG45KX7S2A475M290JH	4,700,000	1.870	0.0125	0.106
CKG45KX7S1H475K290JH	4,700,000	1.870	0.0110	0.106
CKG45KX7S1H475M290JH	4,700,000	1.870	0.0110	0.106
CKG45KX7R1E475K290JH	4,700,000	1.870	0.0106	0.106
CKG45KX7R1E475M290JH	4,700,000	1.870	0.0106	0.106
CKG45KX7R1C106K290JH	10,000,000	1.870	0.0077	0.0100
CKG45KX7R1C106M290JH	10,000,000	1.870	0.0077	0.0100
CKG45KX7R1C226M290JH	22,000,000	1.870	0.0063	0.00400

Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (MEGACAP Type) / CKG45K series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CKG45KX7S1C226M290JH	22,000,000	1.870	0.0063	0.00400