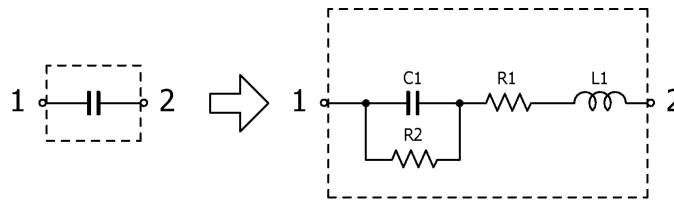


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Automotive Grade (MEGACAP Type) / CKG45N series

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CKG45NX7R2J224M500JJ	220,000	2.050	0.0291	2.27
CKG45NX7T2J334M500JJ	330,000	2.050	0.0225	1.52
CKG45NX7T2J474M500JJ	470,000	2.050	0.0217	1.06
CKG45NX7R2E474M500JJ	470,000	2.050	0.0223	1.06
CKG45NX7T2W684M500JJ	680,000	2.050	0.0179	0.735
CKG45NX7T2W105M500JJ	1,000,000	2.050	0.0150	0.500
CKG45NX7R2E105M500JJ	1,000,000	2.050	0.0171	0.500
CKG45NX7T2E155M500JJ	1,500,000	2.050	0.0175	0.333
CKG45NX7T2E225M500JJ	2,200,000	2.050	0.0134	0.227
CKG45NX7R2A225M500JJ	2,200,000	2.050	0.0135	0.227
CKG45NX7R1H335M500JJ	3,300,000	2.050	0.0126	0.151
CKG45NX7R2A475M500JJ	4,700,000	2.050	0.0099	0.106
CKG45NX7S2A685M500JJ	6,800,000	2.050	0.0107	0.0730
CKG45NX7R1H685M500JJ	6,800,000	2.050	0.0097	0.0730
CKG45NX7S2A106M500JJ	10,000,000	2.050	0.0095	0.0500
CKG45NX7S1H106M500JJ	10,000,000	2.050	0.0103	0.0500
CKG45NX7R1E106M500JJ	10,000,000	2.050	0.0074	0.0500
CKG45NX7R1C226M500JJ	22,000,000	2.050	0.0074	0.00400
CKG45NX7S1C476M500JJ	47,000,000	2.050	0.0050	0.00200