

Multilayer Ceramic Chip Capacitors

May 23, 2024
Simple Model

Automotive Grade, MEGACAP Type / CKG57N series

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CKG57NC0G2J144K500JJ	140,000	1.920	0.0210	3.57
CKG57NC0G2E304J500JJ	300,000	1.920	0.0158	1.67
CKG57NX7R2J474M500JJ	470,000	1.920	0.0216	1.06
CKG57NX7T2J684M500JJ	680,000	1.920	0.0201	0.735
CKG57NX7R2E105M500JJ	1,000,000	1.920	0.0189	0.500
CKG57NX7T2J105M500JJ	1,000,000	1.920	0.0187	0.500
CKG57NX7T2W155M500JJ	1,500,000	1.920	0.0179	0.333
CKG57NX7R2E225M500JJ	2,200,000	1.920	0.0133	0.227
CKG57NX7R2A225M500JJ	2,200,000	1.920	0.0133	0.227
CKG57NX7T2W225M500JJ	2,200,000	1.920	0.0175	0.227
CKG57NX7T2E335M500JJ	3,300,000	1.920	0.0105	0.151
CKG57NX7R2A475M500JJ	4,700,000	1.920	0.0101	0.106
CKG57NX5R2A106M500JJ	10,000,000	1.920	0.0078	0.0500
CKG57NX7R2A106M500JJ	10,000,000	1.920	0.0078	0.0500
CKG57NX7R1H106M500JJ	10,000,000	1.920	0.0084	0.0500
CKG57NX5R1H226M500JJ	22,000,000	1.920	0.0063	0.0220
CKG57NX7R1E226M500JJ	22,000,000	1.920	0.0070	0.0220
CKG57NX7S2A226M500JJ	22,000,000	1.920	0.0072	0.0220
CKG57NX7S1H226M500JJ	22,000,000	1.920	0.0063	0.0220
CKG57NX7R1C336M500JJ	33,000,000	1.920	0.0062	0.00300
CKG57NX5R1E476M500JJ	47,000,000	1.920	0.0049	0.0100
CKG57NX7R1H476M500JJ	47,000,000	1.920	0.0060	0.0100
CKG57NX7S1E476M500JJ	47,000,000	1.920	0.0049	0.0100
CKG57NX5R1C107M500JJ	100,000,000	1.920	0.0039	0.00100
CKG57NX7R1V107M500JJ	100,000,000	1.920	0.0034	0.00500
CKG57NX7R1E107M500JJ	100,000,000	1.920	0.0028	0.00500
CKG57NX7S1C107M500JJ	100,000,000	1.920	0.0039	0.00100