

Multilayer Ceramic Chip Capacitors

May 23, 2024
Simple Model

Commercial Grade, MEGACAP Type / CKG57N series

Circuit Diagram



Circuit Parameters

Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CKG57NC0G2J144K500JH	140,000	1.920	0.0205	3.57
CKG57NC0G2E304J500JH	300,000	1.920	0.0168	1.67
CKG57NX7R2J474M500JH	470,000	1.920	0.0216	1.06
CKG57NX7T2J684M500JH	680,000	1.920	0.0201	0.735
CKG57NX7R2E105M500JH	1,000,000	1.920	0.0189	0.500
CKG57NX7T2J105M500JH	1,000,000	1.920	0.0187	0.500
CKG57NX7T2W155M500JH	1,500,000	1.920	0.0179	0.333
CKG57NX7R2E225M500JH	2,200,000	1.920	0.0133	0.227
CKG57NX7R2A225M500JH	2,200,000	1.920	0.0133	0.227
CKG57NX7T2W225M500JH	2,200,000	1.920	0.0175	0.227
CKG57NX7T2E335M500JH	3,300,000	1.920	0.0105	0.151
CKG57NX7R2A475M500JH	4,700,000	1.920	0.0101	0.106
CKG57NX5R2A106M500JH	10,000,000	1.920	0.0078	0.0500
CKG57NX7R2A106M500JH	10,000,000	1.920	0.0078	0.0500
CKG57NX7R1H106M500JH	10,000,000	1.920	0.0084	0.0500
CKG57NX5R1H226M500JH	22,000,000	1.920	0.0063	0.0220
CKG57NX7R1E226M500JH	22,000,000	1.920	0.0070	0.0220
CKG57NX7S2A226M500JH	22,000,000	1.920	0.0072	0.0220
CKG57NX7S1H226M500JH	22,000,000	1.920	0.0063	0.0220
CKG57NX7R1C336M500JH	33,000,000	1.920	0.0062	0.00300
CKG57NX5R1E476M500JH	47,000,000	1.920	0.0049	0.0100
CKG57NX7R1H476M500JH	47,000,000	1.920	0.0060	0.0100
CKG57NX7S1E476M500JH	47,000,000	1.920	0.0049	0.0100
CKG57NX5R1C107M500JH	100,000,000	1.920	0.0039	0.00100
CKG57NX7R1E107M500JH	100,000,000	1.920	0.0028	0.00500
CKG57NX7R1V107M500JH	100,000,000	1.920	0.0034	0.00500
CKG57NX7S1C107M500JH	100,000,000	1.920	0.0039	0.00100