

Multilayer Ceramic Chip Capacitors

May 23, 2024
Simple Model

Commercial Grade, MEGACAP Type / CKG57K series (1/2)

Circuit Diagram



Circuit Parameters

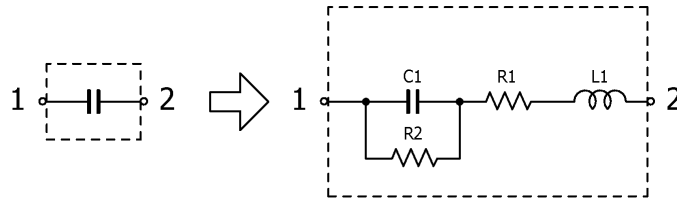
Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CKG57KC0G2J683J335JH	68,000	2.000	0.0279	7.35
CKG57KC0G2E154J335JH	150,000	2.000	0.0213	3.33
CKG57KX7R2J224K335JH	220,000	2.000	0.0258	2.27
CKG57KX7R2J224M335JH	220,000	2.000	0.0258	2.27
CKG57KX7T2J334K335JH	330,000	2.000	0.0254	1.52
CKG57KX7T2J334M335JH	330,000	2.000	0.0254	1.52
CKG57KX7R2E474K335JH	470,000	2.000	0.0203	1.06
CKG57KX7R2E474M335JH	470,000	2.000	0.0203	1.06
CKG57KX7T2J474K335JH	470,000	2.000	0.0241	1.06
CKG57KX7T2J474M335JH	470,000	2.000	0.0241	1.06
CKG57KX7T2W684K335JH	680,000	2.000	0.0221	0.735
CKG57KX7T2W684M335JH	680,000	2.000	0.0221	0.735
CKG57KX7R2E105K335JH	1,000,000	2.000	0.0143	0.500
CKG57KX7R2E105M335JH	1,000,000	2.000	0.0143	0.500
CKG57KX7R2A105K335JH	1,000,000	2.000	0.0172	0.500
CKG57KX7R2A105M335JH	1,000,000	2.000	0.0172	0.500
CKG57KX7T2W105K335JH	1,000,000	2.000	0.0203	0.500
CKG57KX7T2W105M335JH	1,000,000	2.000	0.0203	0.500
CKG57KX7T2E155K335JH	1,500,000	2.000	0.0127	0.333
CKG57KX7T2E155M335JH	1,500,000	2.000	0.0127	0.333
CKG57KX7R2A225K335JH	2,200,000	2.000	0.0174	0.227
CKG57KX7R2A225M335JH	2,200,000	2.000	0.0174	0.227
CKG57KX7T2E225K335JH	2,200,000	2.000	0.0138	0.227
CKG57KX7T2E225M335JH	2,200,000	2.000	0.0138	0.227
CKG57KX7R2A335K335JH	3,300,000	2.000	0.0115	0.151
CKG57KX7R2A335M335JH	3,300,000	2.000	0.0115	0.151
CKG57KX7R2A475K335JH	4,700,000	2.000	0.0095	0.106
CKG57KX7R2A475M335JH	4,700,000	2.000	0.0095	0.106
CKG57KX7R1H475K335JH	4,700,000	2.000	0.0101	0.106
CKG57KX7R1H475M335JH	4,700,000	2.000	0.0101	0.106
CKG57KX7S2A685K335JH	6,800,000	2.000	0.0097	0.0730
CKG57KX7S2A685M335JH	6,800,000	2.000	0.0097	0.0730
CKG57KX7R1E106K335JH	10,000,000	2.000	0.0074	0.0500
CKG57KX7R1E106M335JH	10,000,000	2.000	0.0074	0.0500
CKG57KX7S2A106K335JH	10,000,000	2.000	0.0090	0.0500
CKG57KX7S2A106M335JH	10,000,000	2.000	0.0090	0.0500

Multilayer Ceramic Chip Capacitors

May 23, 2024
Simple Model

Commercial Grade, MEGACAP Type / CKG57K series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CKG57KX7S1H106K335JH	10,000,000	2.000	0.0098	0.0500
CKG57KX7S1H106M335JH	10,000,000	2.000	0.0098	0.0500
CKG57KX7R1C156M335JH	15,000,000	2.000	0.0081	0.00600
CKG57KX7S2A156M335JH	15,000,000	2.000	0.0072	0.0330
CKG57KX7R1H226M335JH	22,000,000	2.000	0.0072	0.0220
CKG57KX7R1E226M335JH	22,000,000	2.000	0.0047	0.0220
CKG57KX7R1E476M335JH	47,000,000	2.000	0.0041	0.0100
CKG57KX7R1V476M335JH	47,000,000	2.000	0.0051	0.0100
CKG57KX7S1C476M335JH	47,000,000	2.000	0.0050	0.00200