

Multilayer Ceramic Chip Capacitors

May 23, 2024
Simple Model

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

Circuit Diagram



Circuit Parameters

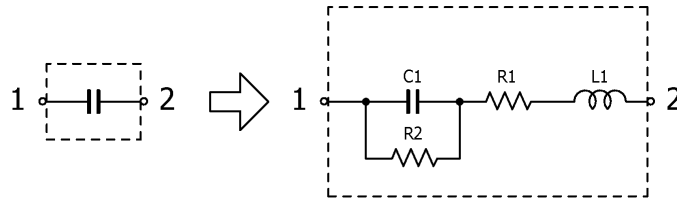
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CKG57KC0G2J683J335JJ	68,000	2.000	0.0250	7.35
CKG57KC0G2E154J335JJ	150,000	2.000	0.0206	3.33
CKG57KX7R2J224K335JJ	220,000	2.000	0.0258	2.27
CKG57KX7R2J224M335JJ	220,000	2.000	0.0258	2.27
CKG57KX7T2J334K335JJ	330,000	2.000	0.0254	1.52
CKG57KX7T2J334M335JJ	330,000	2.000	0.0254	1.52
CKG57KX7R2E474K335JJ	470,000	2.000	0.0203	1.06
CKG57KX7R2E474M335JJ	470,000	2.000	0.0203	1.06
CKG57KX7T2J474K335JJ	470,000	2.000	0.0241	1.06
CKG57KX7T2J474M335JJ	470,000	2.000	0.0241	1.06
CKG57KX7T2W684K335JJ	680,000	2.000	0.0221	0.735
CKG57KX7T2W684M335JJ	680,000	2.000	0.0221	0.735
CKG57KX7R2E105K335JJ	1,000,000	2.000	0.0143	0.500
CKG57KX7R2E105M335JJ	1,000,000	2.000	0.0143	0.500
CKG57KX7R2A105K335JJ	1,000,000	2.000	0.0172	0.500
CKG57KX7R2A105M335JJ	1,000,000	2.000	0.0172	0.500
CKG57KX7T2W105K335JJ	1,000,000	2.000	0.0203	0.500
CKG57KX7T2W105M335JJ	1,000,000	2.000	0.0203	0.500
CKG57KX7T2E155K335JJ	1,500,000	2.000	0.0127	0.333
CKG57KX7T2E155M335JJ	1,500,000	2.000	0.0127	0.333
CKG57KX7R2A225K335JJ	2,200,000	2.000	0.0174	0.227
CKG57KX7R2A225M335JJ	2,200,000	2.000	0.0174	0.227
CKG57KX7T2E225K335JJ	2,200,000	2.000	0.0138	0.227
CKG57KX7T2E225M335JJ	2,200,000	2.000	0.0138	0.227
CKG57KX7R2A335K335JJ	3,300,000	2.000	0.0115	0.151
CKG57KX7R2A335M335JJ	3,300,000	2.000	0.0115	0.151
CKG57KX7R2A475K335JJ	4,700,000	2.000	0.0095	0.106
CKG57KX7R2A475M335JJ	4,700,000	2.000	0.0095	0.106
CKG57KX7R1H475K335JJ	4,700,000	2.000	0.0101	0.106
CKG57KX7R1H475M335JJ	4,700,000	2.000	0.0101	0.106
CKG57KX7S2A685K335JJ	6,800,000	2.000	0.0097	0.0730
CKG57KX7S2A685M335JJ	6,800,000	2.000	0.0097	0.0730
CKG57KX7R1E106K335JJ	10,000,000	2.000	0.0074	0.0500
CKG57KX7R1E106M335JJ	10,000,000	2.000	0.0074	0.0500
CKG57KX7S2A106K335JJ	10,000,000	2.000	0.0090	0.0500
CKG57KX7S2A106M335JJ	10,000,000	2.000	0.0090	0.0500

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Simple Model

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

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CKG57KX7S1H106K335JJ	10,000,000	2.000	0.0098	0.0500
CKG57KX7S1H106M335JJ	10,000,000	2.000	0.0098	0.0500
CKG57KX7R1C156M335JJ	15,000,000	2.000	0.0081	0.00600
CKG57KX7S2A156M335JJ	15,000,000	2.000	0.0072	0.0330
CKG57KX7R1H226M335JJ	22,000,000	2.000	0.0072	0.0220
CKG57KX7R1E226M335JJ	22,000,000	2.000	0.0047	0.0220
CKG57KX7R1V476M335JJ	47,000,000	2.000	0.0051	0.0100
CKG57KX7R1E476M335JJ	47,000,000	2.000	0.0041	0.0100
CKG57KX7S1C476M335JJ	47,000,000	2.000	0.0050	0.00200