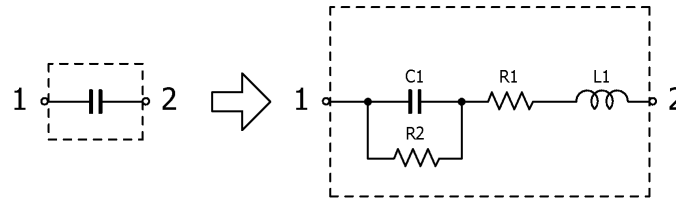


Multilayer Ceramic Chip Capacitors

May 23, 2024
Simple Model

Automotive Grade, General (Up to 75V) / CGA6 series (1/2)

Circuit Diagram



Circuit Parameters

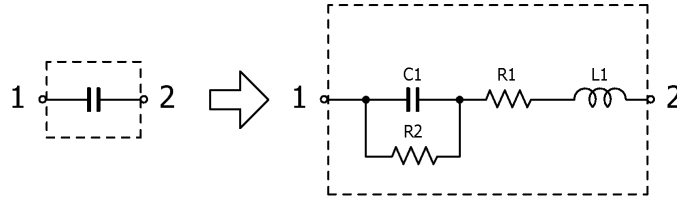
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA6J2C0G1H223J125AA	22,000	0.600	0.0108	10.0
CGA6L2C0G1H333J160AA	33,000	0.600	0.0091	10.0
CGA6M2C0G1H473J200AA	47,000	0.600	0.0082	10.0
CGA6M2C0G1H683J200AA	68,000	0.600	0.0054	7.35
CGA6P2C0G1H104J250AA	100,000	0.600	0.0056	5.00
CGA6L2X7R1H105K160AA	1,000,000	0.600	0.0077	0.500
CGA6L2X7R1H105M160AA	1,000,000	0.600	0.0077	0.500
CGA6M2X7R1H155K200AA	1,500,000	0.600	0.0063	0.333
CGA6M2X7R1H155M200AA	1,500,000	0.600	0.0063	0.333
CGA6M3X7R1H225K200AB	2,200,000	0.600	0.0060	0.227
CGA6M3X7R1H225M200AB	2,200,000	0.600	0.0060	0.227
CGA6P3X7R1H335K250AB	3,300,000	0.600	0.0038	0.151
CGA6P3X7R1H335M250AB	3,300,000	0.600	0.0038	0.151
CGA6N3X7S1H475K230AB	4,700,000	0.600	0.0031	0.106
CGA6P3X7R1H475K250AB	4,700,000	0.600	0.0028	0.106
CGA6P3X7R1H475M250AB	4,700,000	0.600	0.0028	0.106
CGA6P3X7R1E685K250AB	6,800,000	0.600	0.0041	0.0730
CGA6P3X7R1E685M250AB	6,800,000	0.600	0.0041	0.0730
CGA6P3X7S1H685K250AB	6,800,000	0.600	0.0019	0.0730
CGA6P3X7S1H685M250AB	6,800,000	0.600	0.0019	0.0730
CGA6M3X7R1C106K200AB	10,000,000	0.600	0.0026	0.0100
CGA6M3X7R1C106M200AB	10,000,000	0.600	0.0026	0.0100
CGA6P1X7R1E106K250AC	10,000,000	0.600	0.0024	0.0500
CGA6P1X7R1E106M250AC	10,000,000	0.600	0.0024	0.0500
CGA6P1X7R1N106K250AC	10,000,000	0.600	0.0022	0.0500
CGA6P1X7R1N106M250AC	10,000,000	0.600	0.0022	0.0500
CGA6P3X7S1H106K250AB	10,000,000	0.600	0.0022	0.0500
CGA6P3X7S1H106M250AB	10,000,000	0.600	0.0022	0.0500
CGA6M3X7R1E156M200AB	15,000,000	0.600	0.0019	0.0330
CGA6P3X7R1C156M250AB	15,000,000	0.600	0.0030	0.00600
CGA6P3X7R1E226M250AB	22,000,000	0.600	0.0014	0.0220
CGA6P1X7R1C226M250AC	22,000,000	0.600	0.0021	0.00400
CGA6M1X7S1A336M200AC	33,000,000	0.600	0.0017	0.00300
CGA6P1X7S0J336M250AC	33,000,000	0.600	0.0024	0.00300
CGA6P1X7S1A476M250AC	47,000,000	0.600	0.0013	0.00200
CGA6P1X7S0J476M250AC	47,000,000	0.600	0.0023	0.00200

Multilayer Ceramic Chip Capacitors

May 23, 2024
Simple Model

Automotive Grade, General (Up to 75V) / CGA6 series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA6P1X7T0G107M250AC	100,000,000	0.600	0.0008	0.00100
CGA6P3X7T0E107M250AB	100,000,000	0.600	0.0008	0.00100