

Multilayer Ceramic Chip Capacitors

Aug. 18, 2020
Simple Model

Automotive Grade, Mid Voltage (100 to 630V) / CGA6 series (1/2)

Circuit Diagram



Circuit Parameters

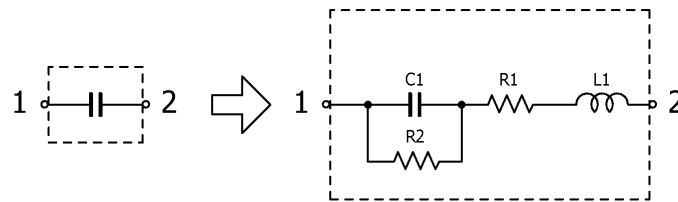
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA6J4C0G2J392J125AA	3,900	0.600	0.0150	10.0
CGA6L4C0G2J472J160AA	4,700	0.600	0.0197	10.0
CGA6L4C0G2J562J160AA	5,600	0.600	0.0132	10.0
CGA6M4C0G2J682J200AA	6,800	0.600	0.0142	10.0
CGA6J4C0G2J822J125AA	8,200	0.600	0.0127	10.0
CGA6J4C0G2J103J125AA	10,000	0.600	0.0130	10.0
CGA6L3C0G2E103J160AA	10,000	0.600	0.0132	10.0
CGA6J2C0G2A153J125AA	15,000	0.600	0.0111	10.0
CGA6L4C0G2J153J160AA	15,000	0.600	0.0126	10.0
CGA6M3C0G2E153J200AA	15,000	0.600	0.0089	10.0
CGA6L3C0G2E223J160AA	22,000	0.600	0.0124	10.0
CGA6L2C0G2A223J160AA	22,000	0.600	0.0083	10.0
CGA6N4C0G2J223J230AA	22,000	0.600	0.0088	10.0
CGA6N4C0G2W223J230AA	22,000	0.600	0.0107	10.0
CGA6M2C0G2A333J200AA	33,000	0.600	0.0078	10.0
CGA6N3C0G2E333J230AA	33,000	0.600	0.0107	10.0
CGA6P4C0G2J333J250AA	33,000	0.600	0.0070	10.0
CGA6P4C0G2W333J250AA	33,000	0.600	0.0122	10.0
CGA6M4X7R2J473K200AA	47,000	0.600	0.0324	10.0
CGA6M4X7R2J473M200AA	47,000	0.600	0.0324	10.0
CGA6N2C0G2A473J230AA	47,000	0.600	0.0072	10.0
CGA6P3C0G2E473J250AA	47,000	0.600	0.0098	10.0
CGA6M4X7R2J683K200AA	68,000	0.600	0.0202	7.35
CGA6M4X7R2J683M200AA	68,000	0.600	0.0202	7.35
CGA6N2C0G2A683J230AA	68,000	0.600	0.0103	7.35
CGA6L1X7T2J104K160AC	100,000	0.600	0.0162	5.00
CGA6L1X7T2J104M160AC	100,000	0.600	0.0165	5.00
CGA6M3X7R2E104K200AA	100,000	0.600	0.0208	5.00
CGA6M3X7R2E104M200AA	100,000	0.600	0.0208	5.00
CGA6M3X7R2E154K200AA	150,000	0.600	0.0132	3.33
CGA6M3X7R2E154M200AA	150,000	0.600	0.0132	3.33
CGA6M1X7T2J154K200AC	150,000	0.600	0.0119	3.33
CGA6M1X7T2J154M200AC	150,000	0.600	0.0119	3.33
CGA6M3X7R2E224K200AA	220,000	0.600	0.0119	2.27
CGA6M3X7R2E224M200AA	220,000	0.600	0.0119	2.27
CGA6M4X7T2W224K200AA	220,000	0.600	0.0099	2.27

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Aug. 18, 2020
Simple Model

Automotive Grade, Mid Voltage (100 to 630V) / CGA6 series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA6M4X7T2W224M200AA	220,000	0.600	0.0099	2.27
CGA6M2X7R2A334K200AA	330,000	0.600	0.0112	1.52
CGA6M2X7R2A334M200AA	330,000	0.600	0.0112	1.52
CGA6M3X7T2E334K200AA	330,000	0.600	0.0081	1.52
CGA6M3X7T2E334M200AA	330,000	0.600	0.0081	1.52
CGA6M2X7R2A474K200AA	470,000	0.600	0.0087	1.06
CGA6M2X7R2A474M200AA	470,000	0.600	0.0087	1.06
CGA6L2X7R2A684K160AA	680,000	0.600	0.0075	0.735
CGA6L2X7R2A684M160AA	680,000	0.600	0.0075	0.735
CGA6M2X7R2A105K200AA	1,000,000	0.600	0.0057	0.500
CGA6M2X7R2A105M200AA	1,000,000	0.600	0.0057	0.500
CGA6M3X7R2A155K200AB	1,500,000	0.600	0.0045	0.333
CGA6M3X7R2A155M200AB	1,500,000	0.600	0.0045	0.333
CGA6N3X7R2A225K230AB	2,200,000	0.600	0.0029	0.227
CGA6N3X7R2A225M230AB	2,200,000	0.600	0.0027	0.227
CGA6M3X7S2A335K200AB	3,300,000	0.600	0.0053	0.151
CGA6M3X7S2A335M200AB	3,300,000	0.600	0.0053	0.151
CGA6M3X7S2A475K200AB	4,700,000	0.600	0.0045	0.106
CGA6M3X7S2A475M200AB	4,700,000	0.600	0.0045	0.106