

Multilayer Ceramic Chip Capacitors

May 23, 2024
Simple Model

Automotive Grade, High Temperature Application / CGA6 series

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA6J4NP02J822J125AA	8,200	0.600	0.0112	10.0
CGA6J4NP02J103J125AA	10,000	0.600	0.0101	10.0
CGA6L4NP02J153J160AA	15,000	0.600	0.0081	10.0
CGA6L3NP02E223J160AA	22,000	0.600	0.0082	10.0
CGA6N4NP02J223J230AA	22,000	0.600	0.0085	10.0
CGA6N4NP02W223J230AA	22,000	0.600	0.0085	10.0
CGA6N3NP02E333J230AA	33,000	0.600	0.0084	10.0
CGA6P4NP02J333J250AA	33,000	0.600	0.0074	10.0
CGA6P4NP02W333J250AA	33,000	0.600	0.0074	10.0
CGA6P3NP02E473J250AA	47,000	0.600	0.0077	10.0
CGA6N2NP02A683J230AA	68,000	0.600	0.0103	7.35
CGA6M3X8R2A474K200AB	470,000	0.600	0.0089	1.06
CGA6M3X8R2A474M200AB	470,000	0.600	0.0089	1.06
CGA6P3X8R2A684K250AB	680,000	0.600	0.0061	0.735
CGA6P3X8R2A684M250AB	680,000	0.600	0.0061	0.735
CGA6L2X8R1E155K160AA	1,500,000	0.600	0.0054	0.333
CGA6L2X8R1E155M160AA	1,500,000	0.600	0.0054	0.333
CGA6M2X8R1E225K200AA	2,200,000	0.600	0.0040	0.227
CGA6M2X8R1E225M200AA	2,200,000	0.600	0.0040	0.227
CGA6M1X8L1H335K200AC	3,300,000	0.600	0.0053	0.151
CGA6P2X8R1E335K250AA	3,300,000	0.600	0.0040	0.151
CGA6P2X8R1E335M250AA	3,300,000	0.600	0.0040	0.151
CGA6M1X8L1H475K200AC	4,700,000	0.600	0.0045	0.106
CGA6P3X8R1E475K250AB	4,700,000	0.600	0.0034	0.106
CGA6P3X8R1E475M250AB	4,700,000	0.600	0.0034	0.106
CGA6M1X8R1E685K200AC	6,800,000	0.600	0.0025	0.0730
CGA6M1X8R1E685M200AC	6,800,000	0.600	0.0025	0.0730
CGA6M3X8R1C685K200AB	6,800,000	0.600	0.0025	0.0140
CGA6M3X8R1C685M200AB	6,800,000	0.600	0.0025	0.0140
CGA6P1X8L1H106K250AC	10,000,000	0.600	0.0018	0.0500
CGA6P1X8R1E106K250AC	10,000,000	0.600	0.0017	0.0500
CGA6P1X8R1E106M250AC	10,000,000	0.600	0.0017	0.0500
CGA6P3X8R1C106K250AB	10,000,000	0.600	0.0017	0.0100
CGA6P3X8R1C106M250AB	10,000,000	0.600	0.0017	0.0100
CGA6M1X8L1C156M200AC	15,000,000	0.600	0.0022	0.00600
CGA6P1X8L1C226M250AC	22,000,000	0.600	0.0021	0.00400