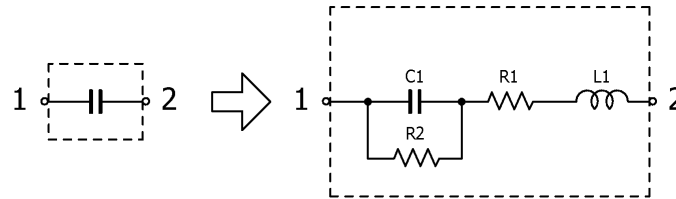


Multilayer Ceramic Chip Capacitors

July 26, 2019
Simple Model

Automotive Grade, High Temperature Application / CGA6 series

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
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
CGA6P2X8R1E335K250AA	3,300,000	0.600	0.0040	0.151
CGA6P2X8R1E335M250AA	3,300,000	0.600	0.0040	0.151
CGA6P3X8R1E475K250AB	4,700,000	0.600	0.0034	0.106
CGA6P3X8R1E475M250AB	4,700,000	0.600	0.0034	0.106
CGA6M3X8R1C685K200AB	6,800,000	0.600	0.0025	0.0140
CGA6M3X8R1C685M200AB	6,800,000	0.600	0.0025	0.0140
CGA6P3X8R1C106K250AB	10,000,000	0.600	0.0017	0.0100
CGA6P3X8R1C106M250AB	10,000,000	0.600	0.0017	0.0100