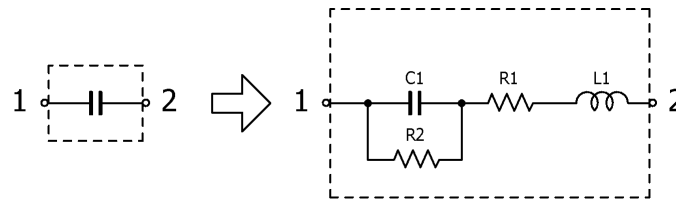


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (Low Profile) / CGB2 series (1/2)

Circuit Diagram



Circuit Parameters

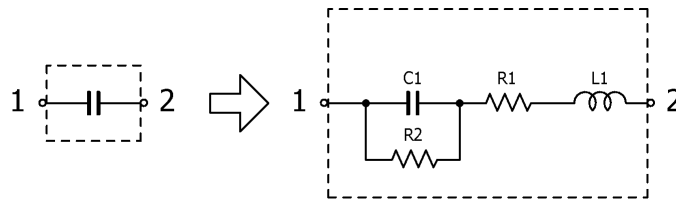
Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CGB2T1X6S0G224M022BC	220,000	0.370	0.0166	0.454
CGB2A1JB1C474K033BC	470,000	0.370	0.0116	0.212
CGB2A1JB1C474M033BC	470,000	0.370	0.0116	0.212
CGB2A1X5R1C474K033BC	470,000	0.370	0.0116	0.212
CGB2A1X5R1C474M033BC	470,000	0.370	0.0116	0.212
CGB2A3JB1A474K033BB	470,000	0.370	0.0116	0.212
CGB2A3JB1A474M033BB	470,000	0.370	0.0116	0.212
CGB2A3X5R1A474K033BB	470,000	0.370	0.0116	0.212
CGB2A3X5R1A474M033BB	470,000	0.370	0.0116	0.212
CGB2A1X6S1A474K033BC	470,000	0.370	0.0116	0.212
CGB2A1X6S1A474M033BC	470,000	0.370	0.0116	0.212
CGB2T3X5R0J474M022BB	470,000	0.370	0.0127	0.212
CGB2A3X6S0J474K033BB	470,000	0.370	0.0116	0.212
CGB2A3X6S0J474M033BB	470,000	0.370	0.0116	0.212
CGB2T1X5R0G474M022BC	470,000	0.370	0.0128	0.212
CGB2A1X6S0G474K033BC	470,000	0.370	0.0123	0.212
CGB2A1X6S0G474M033BC	470,000	0.370	0.0123	0.212
CGB2T1X6S0G474M022BC	470,000	0.370	0.0128	0.212
CGB2A1X7S0G474K033BC	470,000	0.370	0.0116	0.212
CGB2A1X7S0G474M033BC	470,000	0.370	0.0116	0.212
CGB2A1JB1E105K033BC	1,000,000	0.370	0.0078	0.100
CGB2A1JB1E105M033BC	1,000,000	0.370	0.0078	0.100
CGB2A1X5R1E105K033BC	1,000,000	0.370	0.0078	0.100
CGB2A1X5R1E105M033BC	1,000,000	0.370	0.0078	0.100
CGB2A1JB1C105K033BC	1,000,000	0.370	0.0078	0.100
CGB2A1JB1C105M033BC	1,000,000	0.370	0.0078	0.100
CGB2A1X5R1C105K033BC	1,000,000	0.370	0.0078	0.100
CGB2A1X5R1C105M033BC	1,000,000	0.370	0.0078	0.100
CGB2A1JB1A105K033BC	1,000,000	0.370	0.0097	0.100
CGB2A1JB1A105M033BC	1,000,000	0.370	0.0097	0.100
CGB2A1X5R1A105K033BC	1,000,000	0.370	0.0097	0.100
CGB2A1X5R1A105M033BC	1,000,000	0.370	0.0097	0.100
CGB2A1X6S1A105K033BC	1,000,000	0.370	0.0078	0.100
CGB2A1X6S1A105M033BC	1,000,000	0.370	0.0078	0.100
CGB2A3JB0J105K033BB	1,000,000	0.370	0.0097	0.100
CGB2A3JB0J105M033BB	1,000,000	0.370	0.0097	0.100
CGB2A3X5R0J105K033BB	1,000,000	0.370	0.0097	0.100

Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (Low Profile) / CGB2 series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CGB2A3X5R0J105M033BB	1,000,000	0.370	0.0097	0.100
CGB2A1X6S0J105K033BC	1,000,000	0.370	0.0078	0.100
CGB2A1X6S0J105M033BC	1,000,000	0.370	0.0078	0.100
CGB2A1X7S0J105K033BC	1,000,000	0.370	0.0078	0.100
CGB2A1X7S0J105M033BC	1,000,000	0.370	0.0078	0.100
CGB2A3JB0G105K033BB	1,000,000	0.370	0.0097	0.100
CGB2A3JB0G105M033BB	1,000,000	0.370	0.0097	0.100
CGB2A3X5R0G105K033BB	1,000,000	0.370	0.0097	0.100
CGB2A3X5R0G105M033BB	1,000,000	0.370	0.0097	0.100
CGB2T1X5R0G105M022BC	1,000,000	0.370	0.0096	0.100
CGB2A1X6S0G105K033BC	1,000,000	0.370	0.0097	0.100
CGB2A1X6S0G105M033BC	1,000,000	0.370	0.0097	0.100
CGB2T1X6S0G105M022BC	1,000,000	0.370	0.0096	0.100
CGB2A1X7S0G105K033BC	1,000,000	0.370	0.0078	0.100
CGB2A1X7S0G105M033BC	1,000,000	0.370	0.0078	0.100
CGB2A1JB0J225M033BC	2,200,000	0.370	0.0061	0.0450
CGB2A1X5R0J225M033BC	2,200,000	0.370	0.0061	0.0450