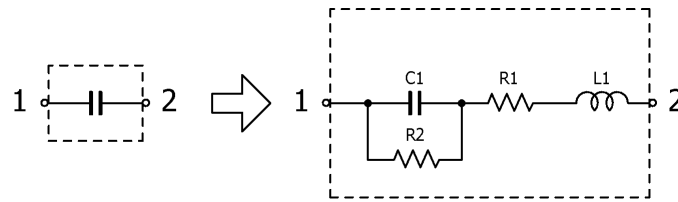


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (Low Profile) / CGB4 series

Circuit Diagram



Circuit Parameters

Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CGB4B3JB1E105K055AB	1,000,000	0.480	0.0057	0.500
CGB4B3JB1E105M055AB	1,000,000	0.480	0.0057	0.500
CGB4B3X5R1E105K055AB	1,000,000	0.480	0.0057	0.500
CGB4B3X5R1E105M055AB	1,000,000	0.480	0.0057	0.500
CGB4B1JB1E225K055AC	2,200,000	0.480	0.0040	0.0450
CGB4B1JB1E225M055AC	2,200,000	0.480	0.0040	0.0450
CGB4B1X5R1E225K055AC	2,200,000	0.480	0.0040	0.0450
CGB4B1X5R1E225M055AC	2,200,000	0.480	0.0040	0.0450
CGB4B3JB1C225K055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3JB1C225M055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3X5R1C225K055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3X5R1C225M055AB	2,200,000	0.480	0.0040	0.0450
CGB4B1X6S1C225K055AC	2,200,000	0.480	0.0040	0.0450
CGB4B1X6S1C225M055AC	2,200,000	0.480	0.0040	0.0450
CGB4B3JB1A225K055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3JB1A225M055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3X5R1A225K055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3X5R1A225M055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3X6S1A225K055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3X6S1A225M055AB	2,200,000	0.480	0.0040	0.0450
CGB4B1X7R1A225K055AC	2,200,000	0.480	0.0040	0.0450
CGB4B1X7R1A225M055AC	2,200,000	0.480	0.0040	0.0450
CGB4B3X6S0J225K055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3X6S0J225M055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3X7R0J225K055AB	2,200,000	0.480	0.0040	0.0450
CGB4B3X7R0J225M055AB	2,200,000	0.480	0.0040	0.0450