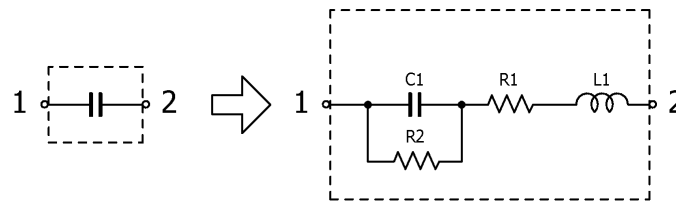


Multilayer Ceramic Chip Capacitors

May 23, 2022
Simple Model

Commercial Grade, Low Profile / CGB3 series (1/2)

Circuit Diagram



Circuit Parameters

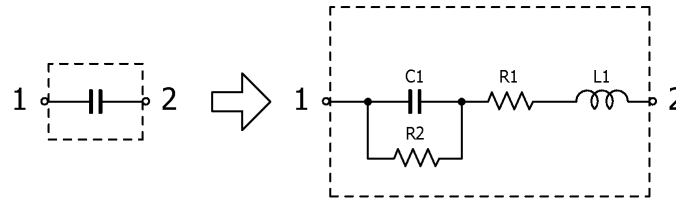
Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CGB3B3JB1E474K055AB	470,000	0.420	0.0197	1.06
CGB3B3JB1E474M055AB	470,000	0.420	0.0197	1.06
CGB3B3X5R1E474K055AB	470,000	0.420	0.0197	1.06
CGB3B3X5R1E474M055AB	470,000	0.420	0.0197	1.06
CGB3B1JB1E105K055AC	1,000,000	0.420	0.0062	0.100
CGB3B1JB1E105M055AC	1,000,000	0.420	0.0062	0.100
CGB3B3JB1C105K055AB	1,000,000	0.420	0.0062	0.100
CGB3B3JB1C105M055AB	1,000,000	0.420	0.0062	0.100
CGB3B1X5R1E105K055AC	1,000,000	0.420	0.0062	0.100
CGB3B1X5R1E105M055AC	1,000,000	0.420	0.0062	0.100
CGB3B3X5R1C105K055AB	1,000,000	0.420	0.0062	0.100
CGB3B3X5R1C105M055AB	1,000,000	0.420	0.0062	0.100
CGB3B1X6S1C105K055AC	1,000,000	0.420	0.0062	0.100
CGB3B1X6S1C105M055AC	1,000,000	0.420	0.0062	0.100
CGB3B3X6S1A105K055AB	1,000,000	0.420	0.0062	0.100
CGB3B3X6S1A105M055AB	1,000,000	0.420	0.0062	0.100
CGB3B1X7R1A105K055AC	1,000,000	0.420	0.0062	0.100
CGB3B1X7R1A105M055AC	1,000,000	0.420	0.0062	0.100
CGB3B3X7R0J105K055AB	1,000,000	0.420	0.0062	0.100
CGB3B3X7R0J105M055AB	1,000,000	0.420	0.0062	0.100
CGB3B1JB1C225K055AC	2,200,000	0.420	0.0067	0.0450
CGB3B1JB1C225M055AC	2,200,000	0.420	0.0067	0.0450
CGB3B3JB1A225K055AB	2,200,000	0.420	0.0067	0.0450
CGB3B3JB1A225M055AB	2,200,000	0.420	0.0067	0.0450
CGB3B1X5R1C225K055AC	2,200,000	0.420	0.0067	0.0450
CGB3B1X5R1C225M055AC	2,200,000	0.420	0.0067	0.0450
CGB3B3X5R1A225K055AB	2,200,000	0.420	0.0067	0.0450
CGB3B3X5R1A225M055AB	2,200,000	0.420	0.0067	0.0450
CGB3B1X6S1A225K055AC	2,200,000	0.420	0.0067	0.0450
CGB3B1X6S1A225M055AC	2,200,000	0.420	0.0067	0.0450
CGB3B3X6S0J225K055AB	2,200,000	0.420	0.0067	0.0450
CGB3B3X6S0J225M055AB	2,200,000	0.420	0.0067	0.0450
CGB3B3X6S0G225K055AB	2,200,000	0.420	0.0067	0.0450
CGB3B3X6S0G225M055AB	2,200,000	0.420	0.0067	0.0450
CGB3B1X7S0G225K055AC	2,200,000	0.420	0.0069	0.0450
CGB3B1X7S0G225M055AC	2,200,000	0.420	0.0069	0.0450

Multilayer Ceramic Chip Capacitors

May 23, 2022
Simple Model

Commercial Grade, Low Profile / CGB3 series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CGB3B1JB1A475K055AC	4,700,000	0.420	0.0059	0.0210
CGB3B1JB1A475M055AC	4,700,000	0.420	0.0059	0.0210
CGB3B3JB0J475K055AB	4,700,000	0.420	0.0059	0.0210
CGB3B3JB0J475M055AB	4,700,000	0.420	0.0059	0.0210
CGB3B1X5R1A475K055AC	4,700,000	0.420	0.0059	0.0210
CGB3B1X5R1A475M055AC	4,700,000	0.420	0.0059	0.0210
CGB3B3X5R0J475K055AB	4,700,000	0.420	0.0059	0.0210
CGB3B3X5R0J475M055AB	4,700,000	0.420	0.0059	0.0210
CGB3B1X6S0G475K055AC	4,700,000	0.420	0.0059	0.0210
CGB3B1X6S0G475M055AC	4,700,000	0.420	0.0059	0.0210
CGB3S1JB0J106M050AC	10,000,000	0.420	0.0063	0.0100
CGB3S3JB0G106M050AB	10,000,000	0.420	0.0051	0.0100
CGB3S1X5R0J106M050AC	10,000,000	0.420	0.0063	0.0100
CGB3S3X5R0G106M050AB	10,000,000	0.420	0.0051	0.0100
CGB3C1JB0J106M065AC	10,000,000	0.420	0.0054	0.0100
CGB3C1X5R0J106M065AC	10,000,000	0.420	0.0054	0.0100