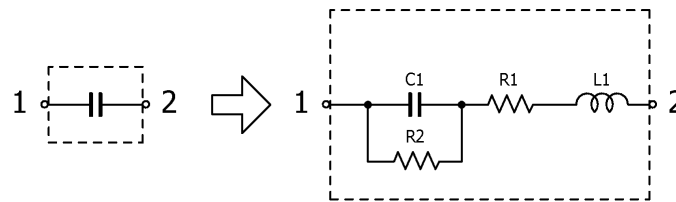


Multilayer Ceramic Chip Capacitors

May 23, 2022
Simple Model

Automotive Grade, Soft Termination / CGA2 series (1/2)

Circuit Diagram



Circuit Parameters

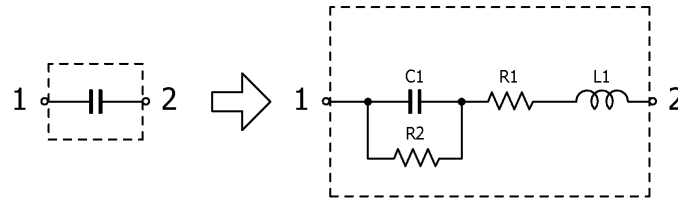
Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CGA2B2C0G2A101J050BE	100	0.370	0.1136	10.0
CGA2B2C0G1H101J050BE	100	0.370	0.1139	10.0
CGA2B2C0G2A151J050BE	150	0.370	0.1004	10.0
CGA2B2C0G1H151J050BE	150	0.370	0.1004	10.0
CGA2B2C0G2A221J050BE	220	0.370	0.0729	10.0
CGA2B2C0G1H221J050BE	220	0.370	0.0729	10.0
CGA2B2X8R2A221K050BE	220	0.370	0.5750	10.0
CGA2B2X8R2A221M050BE	220	0.370	0.5750	10.0
CGA2B2X8R1H221K050BE	220	0.370	0.5888	10.0
CGA2B2X8R1H221M050BE	220	0.370	0.5888	10.0
CGA2B2C0G2A331J050BE	330	0.370	0.0699	10.0
CGA2B2C0G1H331J050BE	330	0.370	0.0699	10.0
CGA2B2C0G2A471J050BE	470	0.370	0.0539	10.0
CGA2B2C0G1H471J050BE	470	0.370	0.0539	10.0
CGA2B2X8R2A471K050BE	470	0.370	0.3253	10.0
CGA2B2X8R2A471M050BE	470	0.370	0.3253	10.0
CGA2B2X8R1H471K050BE	470	0.370	0.3021	10.0
CGA2B2X8R1H471M050BE	470	0.370	0.3021	10.0
CGA2B1C0G2A681J050BE	680	0.370	0.0637	10.0
CGA2B2C0G1H681J050BE	680	0.370	0.0637	10.0
CGA2B1C0G2A102J050BE	1,000	0.370	0.0522	10.0
CGA2B2C0G1H102J050BE	1,000	0.370	0.0522	10.0
CGA2B2X7R1H102K050BE	1,000	0.370	0.2369	10.0
CGA2B2X7R1H102M050BE	1,000	0.370	0.2369	10.0
CGA2B2X8R2A102K050BE	1,000	0.370	0.2024	10.0
CGA2B2X8R2A102M050BE	1,000	0.370	0.2024	10.0
CGA2B2X8R1H102K050BE	1,000	0.370	0.2222	10.0
CGA2B2X8R1H102M050BE	1,000	0.370	0.2222	10.0
CGA2B2X7R1H222K050BE	2,200	0.370	0.1436	10.0
CGA2B2X7R1H222M050BE	2,200	0.370	0.1436	10.0
CGA2B2X8R2A222K050BE	2,200	0.370	0.1219	10.0
CGA2B2X8R2A222M050BE	2,200	0.370	0.1219	10.0
CGA2B2X8R1H222K050BE	2,200	0.370	0.1700	10.0
CGA2B2X8R1H222M050BE	2,200	0.370	0.1700	10.0
CGA2B3X8R2A332K050BE	3,300	0.370	0.1110	10.0
CGA2B3X8R2A332M050BE	3,300	0.370	0.1110	10.0

Multilayer Ceramic Chip Capacitors

May 23, 2022
Simple Model

Automotive Grade, Soft Termination / CGA2 series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CGA2B2X7R1H472K050BE	4,700	0.370	0.0844	10.0
CGA2B2X7R1H472M050BE	4,700	0.370	0.0844	10.0
CGA2B2X8R1H472K050BE	4,700	0.370	0.0889	10.0
CGA2B2X8R1H472M050BE	4,700	0.370	0.0889	10.0
CGA2B3X7R1H103K050BE	10,000	0.370	0.0826	10.0
CGA2B3X7R1H103M050BE	10,000	0.370	0.0826	10.0
CGA2B3X8R1H103K050BE	10,000	0.370	0.1162	10.0
CGA2B3X8R1H103M050BE	10,000	0.370	0.1162	10.0
CGA2B2X8R1E103K050BE	10,000	0.370	0.0582	10.0
CGA2B2X8R1E103M050BE	10,000	0.370	0.0582	10.0
CGA2B3X7R1H223K050BE	22,000	0.370	0.0456	10.0
CGA2B3X7R1H223M050BE	22,000	0.370	0.0456	10.0
CGA2B3X8R1E223K050BE	22,000	0.370	0.0380	10.0
CGA2B3X8R1E223M050BE	22,000	0.370	0.0380	10.0
CGA2B3X7R1H473K050BE	47,000	0.370	0.0283	10.0
CGA2B3X7R1H473M050BE	47,000	0.370	0.0283	10.0
CGA2B1X8R1E473K050BE	47,000	0.370	0.0281	10.0
CGA2B1X8R1E473M050BE	47,000	0.370	0.0281	10.0
CGA2B3X8R1C473K050BE	47,000	0.370	0.0281	2.13
CGA2B3X8R1C473M050BE	47,000	0.370	0.0281	2.13
CGA2B3X7R1H104K050BE	100,000	0.370	0.0218	5.00
CGA2B3X7R1H104M050BE	100,000	0.370	0.0218	5.00
CGA2B1X7R1V224K050BE	220,000	0.370	0.0137	2.27
CGA2B1X7R1V224M050BE	220,000	0.370	0.0137	2.27
CGA2B3X7R1E224K050BE	220,000	0.370	0.0137	2.27
CGA2B3X7R1E224M050BE	220,000	0.370	0.0137	2.27
CGA2B2X7R1C224K050BE	220,000	0.370	0.0137	0.454
CGA2B2X7R1C224M050BE	220,000	0.370	0.0137	0.454
CGA2B1X7S1C474K050BE	470,000	0.370	0.0118	0.212
CGA2B1X7S1C474M050BE	470,000	0.370	0.0118	0.212
CGA2B3X7S1A474K050BE	470,000	0.370	0.0118	0.212
CGA2B3X7S1A474M050BE	470,000	0.370	0.0118	0.212