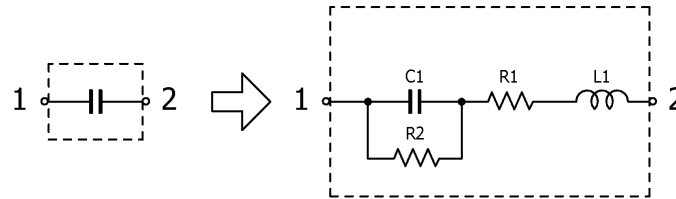


Multilayer Ceramic Chip Capacitors

Feb. 27, 2026
Simple Model

Automotive Grade Conductive Epoxy Application / CGA3 series (1/5)

Circuit Diagram



Circuit Parameters

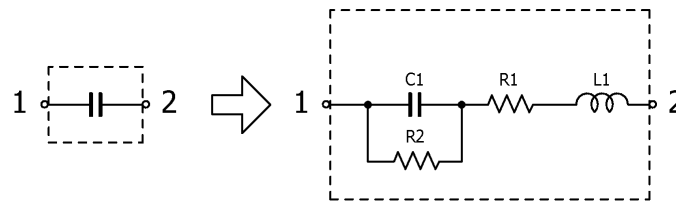
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA3E2C0G1H010C080AD	1	0.420	0.9827	10.0
CGA3E2C0G1H020C080AD	2	0.420	0.9188	10.0
CGA3E2C0G1H030C080AD	3	0.420	0.7233	10.0
CGA3E2C0G1H040C080AD	4	0.420	0.5992	10.0
CGA3E2C0G1H050C080AD	5	0.420	0.3921	10.0
CGA3E2C0G1H060D080AD	6	0.420	0.3985	10.0
CGA3E2C0G1H070D080AD	7	0.420	0.4918	10.0
CGA3E2C0G1H080D080AD	8	0.420	0.3141	10.0
CGA3E2C0G1H090D080AD	9	0.420	0.4633	10.0
CGA3E2C0G1H100D080AD	10	0.420	0.3084	10.0
CGA3E2C0G1H150J080AD	15	0.420	0.3727	10.0
CGA3E2C0G1H220J080AD	22	0.420	0.2911	10.0
CGA3E2C0G1H330J080AD	33	0.420	0.2471	10.0
CGA3E2C0G1H470J080AD	47	0.420	0.2173	10.0
CGA3E2C0G1H680J080AD	68	0.420	0.1473	10.0
CGA3E2C0G1H101J080AD	100	0.420	0.1402	10.0
CGA3E2C0G1H151J080AD	150	0.420	0.0807	10.0
CGA3E2C0G1H221J080AD	220	0.420	0.0681	10.0
CGA3E2C0G1H331J080AD	330	0.420	0.0770	10.0
CGA3E2C0G1H471J080AD	470	0.420	0.0560	10.0
CGA3E2C0G1H681J080AD	680	0.420	0.0473	10.0
CGA3E2C0G1H102J080AD	1,000	0.420	0.0396	10.0
CGA3E2C0G1H122J080AD	1,200	0.420	0.0366	10.0
CGA3E2C0G1H152J080AD	1,500	0.420	0.0284	10.0
CGA3E2C0G1H182J080AD	1,800	0.420	0.0256	10.0
CGA3E2C0G1H222J080AD	2,200	0.420	0.0310	10.0
CGA3E2C0G1H272J080AD	2,700	0.420	0.0249	10.0
CGA3E2C0G1H332J080AD	3,300	0.420	0.0218	10.0
CGA3E2C0G1H392J080AD	3,900	0.420	0.0233	10.0
CGA3E2C0G1H472J080AD	4,700	0.420	0.0255	10.0
CGA3E2C0G1H562J080AD	5,600	0.420	0.0263	10.0
CGA3E2C0G1H682J080AD	6,800	0.420	0.0173	10.0
CGA3E2C0G1H822J080AD	8,200	0.420	0.0237	10.0
CGA3E2C0G1H103J080AD	10,000	0.420	0.0160	10.0
CGA3E2C0G2A010C080AD	1	0.420	1.1407	10.0
CGA3E2C0G2A020C080AD	2	0.420	1.0049	10.0

Multilayer Ceramic Chip Capacitors

Feb. 27, 2026
Simple Model

Automotive Grade Conductive Epoxy Application / CGA3 series (2/5)

Circuit Diagram



Circuit Parameters

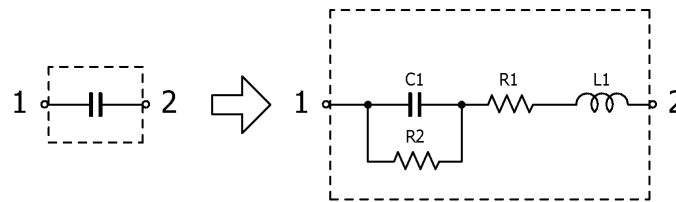
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA3E2C0G2A030C080AD	3	0.420	0.8279	10.0
CGA3E2C0G2A040C080AD	4	0.420	0.6683	10.0
CGA3E2C0G2A050C080AD	5	0.420	0.4904	10.0
CGA3E2C0G2A060D080AD	6	0.420	0.4810	10.0
CGA3E2C0G2A070D080AD	7	0.420	0.4387	10.0
CGA3E2C0G2A080D080AD	8	0.420	0.3963	10.0
CGA3E2C0G2A090D080AD	9	0.420	0.3734	10.0
CGA3E2C0G2A100D080AD	10	0.420	0.3177	10.0
CGA3E2C0G2A150J080AD	15	0.420	0.3337	10.0
CGA3E2C0G2A220J080AD	22	0.420	0.2436	10.0
CGA3E2C0G2A330J080AD	33	0.420	0.2683	10.0
CGA3E2C0G2A470J080AD	47	0.420	0.3899	10.0
CGA3E2C0G2A680J080AD	68	0.420	0.1176	10.0
CGA3E2C0G2A101J080AD	100	0.420	0.0919	10.0
CGA3E2C0G2A151J080AD	150	0.420	0.0779	10.0
CGA3E2C0G2A221J080AD	220	0.420	0.0552	10.0
CGA3E2C0G2A331J080AD	330	0.420	0.0659	10.0
CGA3E2C0G2A471J080AD	470	0.420	0.0607	10.0
CGA3E2C0G2A681J080AD	680	0.420	0.0463	10.0
CGA3E2C0G2A102J080AD	1,000	0.420	0.0369	10.0
CGA3E2C0G2A122J080AD	1,200	0.420	0.0290	10.0
CGA3E2X7R1C224K080AD	220,000	0.420	0.0125	0.454
CGA3E2X7R1C224M080AD	220,000	0.420	0.0125	0.454
CGA3E2X7R1E154K080AD	150,000	0.420	0.0131	3.33
CGA3E2X7R1E154M080AD	150,000	0.420	0.0131	3.33
CGA3E3X7R1E334K080AD	330,000	0.420	0.0122	1.52
CGA3E3X7R1E334M080AD	330,000	0.420	0.0122	1.52
CGA3E3X7R1E474K080AD	470,000	0.420	0.0093	1.06
CGA3E3X7R1E474M080AD	470,000	0.420	0.0093	1.06
CGA3E1X7R1E684K080AD	680,000	0.420	0.0067	0.735
CGA3E1X7R1E684M080AD	680,000	0.420	0.0067	0.735
CGA3E1X7R1E105K080AD	1,000,000	0.420	0.0056	0.500
CGA3E1X7R1E105M080AD	1,000,000	0.420	0.0056	0.500
CGA3E1X7R1V334K080AD	330,000	0.420	0.0122	1.52
CGA3E1X7R1V334M080AD	330,000	0.420	0.0122	1.52
CGA3E1X7R1V474K080AD	470,000	0.420	0.0093	1.06

Multilayer Ceramic Chip Capacitors

Feb. 27, 2026
Simple Model

Automotive Grade Conductive Epoxy Application / CGA3 series (3/5)

Circuit Diagram



Circuit Parameters

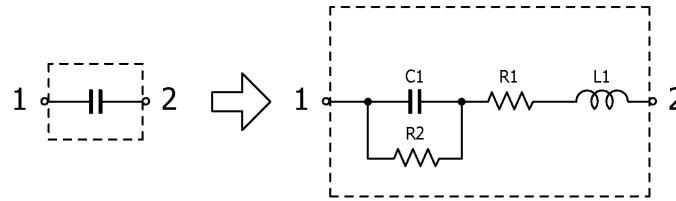
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA3E1X7R1V474M080AD	470,000	0.420	0.0093	1.06
CGA3E2X7R1H102K080AD	1,000	0.420	0.3071	10.0
CGA3E2X7R1H102M080AD	1,000	0.420	0.3071	10.0
CGA3E2X7R1H152K080AD	1,500	0.420	0.1857	10.0
CGA3E2X7R1H152M080AD	1,500	0.420	0.1857	10.0
CGA3E2X7R1H222K080AD	2,200	0.420	0.1613	10.0
CGA3E2X7R1H222M080AD	2,200	0.420	0.1613	10.0
CGA3E2X7R1H332K080AD	3,300	0.420	0.1117	10.0
CGA3E2X7R1H332M080AD	3,300	0.420	0.1117	10.0
CGA3E2X7R1H472K080AD	4,700	0.420	0.0906	10.0
CGA3E2X7R1H472M080AD	4,700	0.420	0.0906	10.0
CGA3E2X7R1H682K080AD	6,800	0.420	0.0873	10.0
CGA3E2X7R1H682M080AD	6,800	0.420	0.0873	10.0
CGA3E2X7R1H103K080AD	10,000	0.420	0.0538	10.0
CGA3E2X7R1H103M080AD	10,000	0.420	0.0538	10.0
CGA3E2X7R1H153K080AD	15,000	0.420	0.0462	10.0
CGA3E2X7R1H153M080AD	15,000	0.420	0.0462	10.0
CGA3E2X7R1H223K080AD	22,000	0.420	0.0377	10.0
CGA3E2X7R1H223M080AD	22,000	0.420	0.0377	10.0
CGA3E2X7R1H333K080AD	33,000	0.420	0.0294	10.0
CGA3E2X7R1H333M080AD	33,000	0.420	0.0294	10.0
CGA3E2X7R1H473K080AD	47,000	0.420	0.0232	10.0
CGA3E2X7R1H473M080AD	47,000	0.420	0.0232	10.0
CGA3E2X7R1H683K080AD	68,000	0.420	0.0186	7.35
CGA3E2X7R1H683M080AD	68,000	0.420	0.0186	7.35
CGA3E2X7R1H104K080AD	100,000	0.420	0.0163	5.00
CGA3E2X7R1H104M080AD	100,000	0.420	0.0163	5.00
CGA3E3X7R1H154K080AD	150,000	0.420	0.0163	3.33
CGA3E3X7R1H154M080AD	150,000	0.420	0.0163	3.33
CGA3E3X7R1H224K080AD	220,000	0.420	0.0128	2.27
CGA3E3X7R1H224M080AD	220,000	0.420	0.0128	2.27
CGA3E3X8R1C334K080AD	330,000	0.420	0.0139	0.303
CGA3E3X8R1C334M080AD	330,000	0.420	0.0139	0.303
CGA3E3X8R1C474K080AD	470,000	0.420	0.0103	0.212
CGA3E3X8R1C474M080AD	470,000	0.420	0.0103	0.212
CGA3E2X8R1E683K080AD	68,000	0.420	0.0180	7.35

Multilayer Ceramic Chip Capacitors

Feb. 27, 2026
Simple Model

Automotive Grade Conductive Epoxy Application / CGA3 series (4/5)

Circuit Diagram



Circuit Parameters

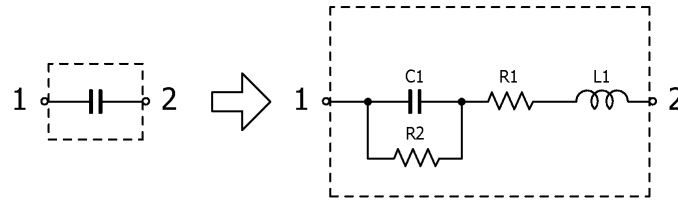
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA3E2X8R1E683M080AD	68,000	0.420	0.0180	7.35
CGA3E2X8R1E104K080AD	100,000	0.420	0.0130	5.00
CGA3E2X8R1E104M080AD	100,000	0.420	0.0130	5.00
CGA3E3X8R1E154K080AD	150,000	0.420	0.0169	3.33
CGA3E3X8R1E154M080AD	150,000	0.420	0.0169	3.33
CGA3E3X8R1E224K080AD	220,000	0.420	0.0282	2.27
CGA3E3X8R1E224M080AD	220,000	0.420	0.0282	2.27
CGA3E1X8R1E334K080AD	330,000	0.420	0.0139	1.52
CGA3E1X8R1E334M080AD	330,000	0.420	0.0139	1.52
CGA3E2X8R1H102K080AD	1,000	0.420	0.1886	10.0
CGA3E2X8R1H102M080AD	1,000	0.420	0.1886	10.0
CGA3E2X8R1H152K080AD	1,500	0.420	0.1868	10.0
CGA3E2X8R1H152M080AD	1,500	0.420	0.1868	10.0
CGA3E2X8R1H222K080AD	2,200	0.420	0.1359	10.0
CGA3E2X8R1H222M080AD	2,200	0.420	0.1359	10.0
CGA3E2X8R1H332K080AD	3,300	0.420	0.0945	10.0
CGA3E2X8R1H332M080AD	3,300	0.420	0.0945	10.0
CGA3E2X8R1H472K080AD	4,700	0.420	0.0969	10.0
CGA3E2X8R1H472M080AD	4,700	0.420	0.0969	10.0
CGA3E2X8R1H682K080AD	6,800	0.420	0.0681	10.0
CGA3E2X8R1H682M080AD	6,800	0.420	0.0681	10.0
CGA3E2X8R1H103K080AD	10,000	0.420	0.0509	10.0
CGA3E2X8R1H103M080AD	10,000	0.420	0.0509	10.0
CGA3E2X8R1H153K080AD	15,000	0.420	0.0378	10.0
CGA3E2X8R1H153M080AD	15,000	0.420	0.0378	10.0
CGA3E2X8R1H223K080AD	22,000	0.420	0.0396	10.0
CGA3E2X8R1H223M080AD	22,000	0.420	0.0396	10.0
CGA3E2X8R1H333K080AD	33,000	0.420	0.0298	10.0
CGA3E2X8R1H333M080AD	33,000	0.420	0.0298	10.0
CGA3E2X8R1H473K080AD	47,000	0.420	0.0195	10.0
CGA3E2X8R1H473M080AD	47,000	0.420	0.0195	10.0
CGA3E3X8R1H683K080AD	68,000	0.420	0.0290	7.35
CGA3E3X8R1H683M080AD	68,000	0.420	0.0290	7.35
CGA3E3X8R1H104K080AD	100,000	0.420	0.0190	5.00
CGA3E3X8R1H104M080AD	100,000	0.420	0.0190	5.00
CGA3E2X8R2A102K080AD	1,000	0.420	0.1886	10.0

Multilayer Ceramic Chip Capacitors

Feb. 27, 2026
Simple Model

Automotive Grade Conductive Epoxy Application / CGA3 series (5/5)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA3E2X8R2A102M080AD	1,000	0.420	0.1886	10.0
CGA3E2X8R2A152K080AD	1,500	0.420	0.1868	10.0
CGA3E2X8R2A152M080AD	1,500	0.420	0.1868	10.0
CGA3E2X8R2A222K080AD	2,200	0.420	0.1359	10.0
CGA3E2X8R2A222M080AD	2,200	0.420	0.1359	10.0
CGA3E2X8R2A332K080AD	3,300	0.420	0.0945	10.0
CGA3E2X8R2A332M080AD	3,300	0.420	0.0945	10.0
CGA3E2X8R2A472K080AD	4,700	0.420	0.0969	10.0
CGA3E2X8R2A472M080AD	4,700	0.420	0.0969	10.0
CGA3E2X8R2A682K080AD	6,800	0.420	0.0681	10.0
CGA3E2X8R2A682M080AD	6,800	0.420	0.0681	10.0
CGA3E2X8R2A103K080AD	10,000	0.420	0.0509	10.0
CGA3E2X8R2A103M080AD	10,000	0.420	0.0509	10.0
CGA3E2X8R2A153K080AD	15,000	0.420	0.0378	10.0
CGA3E2X8R2A153M080AD	15,000	0.420	0.0378	10.0
CGA3E3X8R2A223K080AD	22,000	0.420	0.0522	10.0
CGA3E3X8R2A223M080AD	22,000	0.420	0.0522	10.0
CGA3E3X8R2A333K080AD	33,000	0.420	0.0273	10.0
CGA3E3X8R2A333M080AD	33,000	0.420	0.0273	10.0