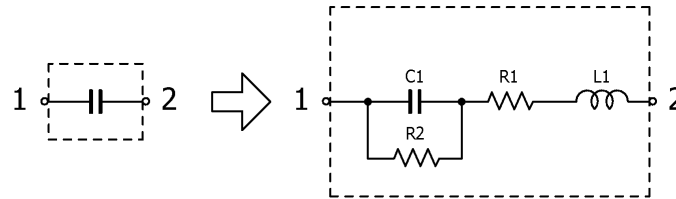


## Multilayer Ceramic Chip Capacitors

May 23, 2024  
Simple Model

Commercial Grade, General (Up to 75V) / C4532 series (1/2)

### Circuit Diagram



### Circuit Parameters

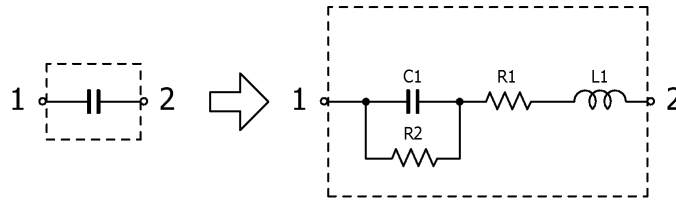
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C4532C0G1H473J160KA	47,000	0.700	0.0100	10.0
C4532C0G1H473K160KA	47,000	0.700	0.0100	10.0
C4532C0G1H683J160KA	68,000	0.700	0.0083	7.35
C4532C0G1H683K160KA	68,000	0.700	0.0083	7.35
C4532C0G1H104J200KA	100,000	0.700	0.0063	5.00
C4532C0G1H104K200KA	100,000	0.700	0.0063	5.00
C4532C0G1H154J250KA	150,000	0.700	0.0052	3.33
C4532C0G1H154K250KA	150,000	0.700	0.0052	3.33
C4532C0G1H224J320KA	220,000	0.700	0.0040	2.27
C4532C0G1H224K320KA	220,000	0.700	0.0040	2.27
C4532X7R1H105K160KA	1,000,000	0.700	0.0080	0.500
C4532X7R1H105M160KA	1,000,000	0.700	0.0080	0.500
C4532X7R1H225K160KA	2,200,000	0.700	0.0057	0.227
C4532X7R1H225M160KA	2,200,000	0.700	0.0057	0.227
C4532X7R1H335K200KA	3,300,000	0.700	0.0044	0.151
C4532X7R1H335M200KA	3,300,000	0.700	0.0044	0.151
C4532X7R1H475K200KB	4,700,000	0.700	0.0057	0.106
C4532X7R1H475M200KB	4,700,000	0.700	0.0057	0.106
C4532X7R1E475M200KA	4,700,000	0.700	0.0043	0.106
C4532X5R1H685K250KA	6,800,000	0.700	0.0033	0.0730
C4532X5R1H685M250KA	6,800,000	0.700	0.0033	0.0730
C4532X7R1H685K250KB	6,800,000	0.700	0.0033	0.0730
C4532X7R1H685M250KB	6,800,000	0.700	0.0033	0.0730
C4532X7R1C106K230KA	10,000,000	0.700	0.0032	0.0100
C4532X7R1C106M230KA	10,000,000	0.700	0.0032	0.0100
C4532X5R1E106K250KA	10,000,000	0.700	0.0020	0.0500
C4532X5R1E106M250KA	10,000,000	0.700	0.0020	0.0500
C4532X7R1E106K250KA	10,000,000	0.700	0.0020	0.0500
C4532X7R1E106M250KA	10,000,000	0.700	0.0020	0.0500
C4532X5R1E156M250KA	15,000,000	0.700	0.0020	0.0330
C4532X7R1E156M250KC	15,000,000	0.700	0.0020	0.0330
C4532X5R1E156M280KA	15,000,000	0.700	0.0025	0.0330
C4532X7R1E156M280KB	15,000,000	0.700	0.0025	0.0330
C4532X5R1C226M200KA	22,000,000	0.700	0.0018	0.00400
C4532X7R1C226M200KC	22,000,000	0.700	0.0018	0.00400
C4532X5R1C226M230KA	22,000,000	0.700	0.0032	0.00400

## Multilayer Ceramic Chip Capacitors

May 23, 2024  
Simple Model

Commercial Grade, General (Up to 75V) / C4532 series (2/2)

### Circuit Diagram



### Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C4532X5R1A226M230KA	22,000,000	0.700	0.0019	0.00400
C4532X7R1C226M230KB	22,000,000	0.700	0.0032	0.00400
C4532X5R1E226M250KA	22,000,000	0.700	0.0022	0.0220
C4532X7R1E226M250KC	22,000,000	0.700	0.0022	0.0220
C4532X5R1A336M230KA	33,000,000	0.700	0.0019	0.00300
C4532X5R1C336M250KA	33,000,000	0.700	0.0016	0.00300
C4532X7R1C336M250KC	33,000,000	0.700	0.0016	0.00300
C4532X5R0J476M250KA	47,000,000	0.700	0.0030	0.00200
C4532X5R1A476M280KA	47,000,000	0.700	0.0029	0.00200
C4532X5R0J686M280KA	68,000,000	0.700	0.0009	0.00100
C4532X5R1A107M280KC	100,000,000	0.700	0.0023	0.00100
C4532X5R0J107M280KA	100,000,000	0.700	0.0023	0.00100
C4532X6S0J107M280KC	100,000,000	0.700	0.0023	0.00100