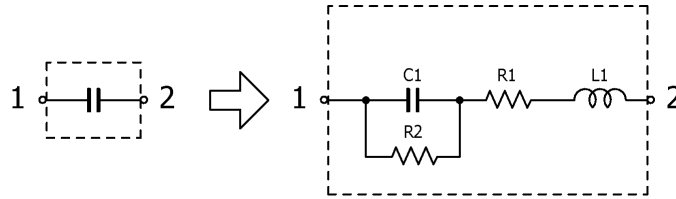


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (Open Mode) / C2012 series

Circuit Diagram



Circuit Parameters

| Part No. | C1[pF] | L1[nH] | R1[ohm] | R2[Gohm] |
|---------------------|---------|--------|---------|----------|
| C2012X7R2E102K085AM | 1,000 | 0.480 | 0.2786 | 10.0 |
| C2012X7R2A102K085AM | 1,000 | 0.480 | 0.2786 | 10.0 |
| C2012X7R2E152K085AM | 1,500 | 0.480 | 0.1539 | 10.0 |
| C2012X7R2A152K085AM | 1,500 | 0.480 | 0.1539 | 10.0 |
| C2012X7R2E222K085AM | 2,200 | 0.480 | 0.2020 | 10.0 |
| C2012X7R2A222K085AM | 2,200 | 0.480 | 0.2020 | 10.0 |
| C2012X7R2E332K085AM | 3,300 | 0.480 | 0.1565 | 10.0 |
| C2012X7R2A332K085AM | 3,300 | 0.480 | 0.1565 | 10.0 |
| C2012X7R2E472K085AM | 4,700 | 0.480 | 0.1179 | 10.0 |
| C2012X7R2A472K085AM | 4,700 | 0.480 | 0.1179 | 10.0 |
| C2012X7R2E682K125AM | 6,800 | 0.480 | 0.0837 | 10.0 |
| C2012X7R2A682K085AM | 6,800 | 0.480 | 0.1232 | 10.0 |
| C2012X7R2E103K125AM | 10,000 | 0.480 | 0.0680 | 10.0 |
| C2012X7R2A103K085AM | 10,000 | 0.480 | 0.0569 | 10.0 |
| C2012X7R2E153K125AM | 15,000 | 0.480 | 0.0478 | 10.0 |
| C2012X7R2A153K125AM | 15,000 | 0.480 | 0.0659 | 10.0 |
| C2012X7R2A223K125AM | 22,000 | 0.480 | 0.0305 | 10.0 |
| C2012X7R1H104K125AM | 100,000 | 0.480 | 0.0214 | 5.00 |