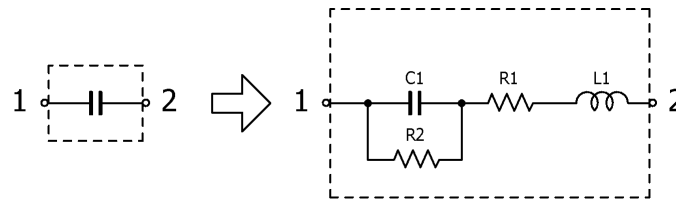


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (Open Mode) / C3225 series

Circuit Diagram



Circuit Parameters

| Part No. | C1[pF] | L1[nH] | R1[ohm] | R2[Gohm] |
|---------------------|-----------|--------|---------|----------|
| C3225X7R2J473K200AM | 47,000 | 0.600 | 0.0324 | 10.0 |
| C3225X7R2J683K200AM | 68,000 | 0.600 | 0.0202 | 7.35 |
| C3225X7R2E104K200AM | 100,000 | 0.600 | 0.0208 | 5.00 |
| C3225X7R2E154K200AM | 150,000 | 0.600 | 0.0132 | 3.33 |
| C3225X7R2E224K200AM | 220,000 | 0.600 | 0.0119 | 2.27 |
| C3225X7R2A334K200AM | 330,000 | 0.600 | 0.0112 | 1.52 |
| C3225X7R1H474K160AM | 470,000 | 0.600 | 0.0116 | 1.06 |
| C3225X7R1H684K200AM | 680,000 | 0.600 | 0.0067 | 0.735 |
| C3225X7R2A105K200AM | 1,000,000 | 0.600 | 0.0057 | 0.500 |
| C3225X7R1E105K115AM | 1,000,000 | 0.600 | 0.0082 | 0.500 |
| C3225X7R1E155K160AM | 1,500,000 | 0.600 | 0.0053 | 0.333 |
| C3225X7R2A225K230AM | 2,200,000 | 0.600 | 0.0029 | 0.227 |
| C3225X7R1E225K200AM | 2,200,000 | 0.600 | 0.0048 | 0.227 |
| C3225X7R1C335K200AM | 3,300,000 | 0.600 | 0.0037 | 0.0300 |
| C3225X7R1C475K250AM | 4,700,000 | 0.600 | 0.0031 | 0.0210 |