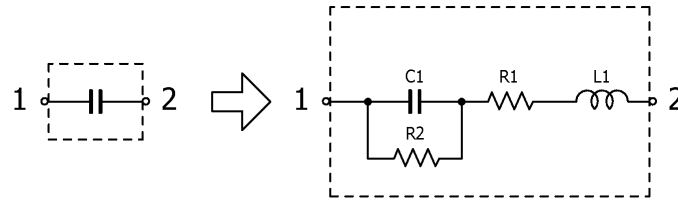


## Multilayer Ceramic Chip Capacitors

May 23, 2024  
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
C2012X7R2A682K085AM	6,800	0.480	0.1232	10.0
C2012X7R2E682K125AM	6,800	0.480	0.0837	10.0
C2012X7R2A103K085AM	10,000	0.480	0.0569	10.0
C2012X7R2E103K125AM	10,000	0.480	0.0680	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