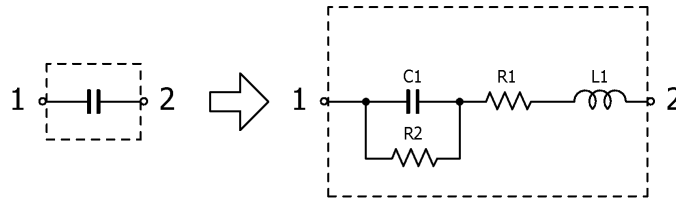


## Multilayer Ceramic Chip Capacitors

May 23, 2022  
Simple Model

Commercial Grade, Low ESL Reverse Geometry / C0816 series

### Circuit Diagram



### Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C0816X5R1C105M050AC	1,000,000	0.484	0.0045	0.100
C0816X5R0J105M050AC	1,000,000	0.102	0.0059	0.100
C0816X7S0G105M050AC	1,000,000	0.102	0.0059	0.100
C0816X5R0J225M050AC	2,200,000	0.085	0.0038	0.0450
C0816X7S0G225M050AC	2,200,000	0.085	0.0038	0.0450
C0816X5R0J475M050AC	4,700,000	0.164	0.0014	0.0210
C0816X6S0G475M050AC	4,700,000	0.164	0.0014	0.0210