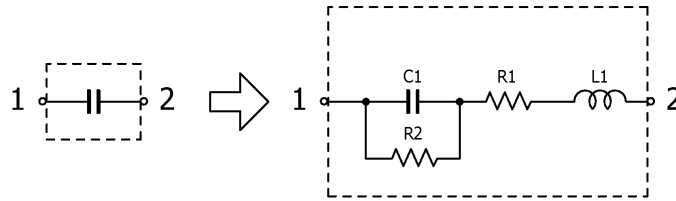


Multilayer Ceramic Chip Capacitors

Aug. 18, 2020
Simple Model

Commercial Grade, Soft Termination / C3216 series (1/2)

Circuit Diagram



Circuit Parameters

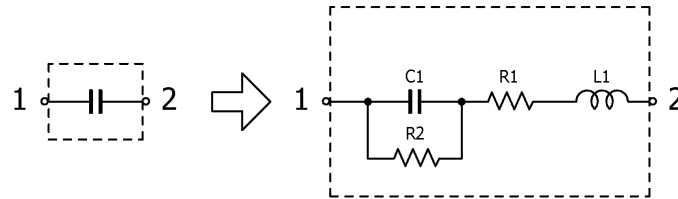
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C3216X7R2J102K115AE	1,000	0.750	0.2474	10.0
C3216X7R2J102M115AE	1,000	0.750	0.2474	10.0
C3216X7R2J222K115AE	2,200	0.750	0.1644	10.0
C3216X7R2J222M115AE	2,200	0.750	0.1644	10.0
C3216X7R2J332K115AE	3,300	0.750	0.1592	10.0
C3216X7R2J332M115AE	3,300	0.750	0.1592	10.0
C3216X7R2J472K115AE	4,700	0.750	0.1023	10.0
C3216X7R2J472M115AE	4,700	0.750	0.1023	10.0
C3216X7R2J103K115AE	10,000	0.750	0.1061	10.0
C3216X7R2J103M115AE	10,000	0.750	0.1061	10.0
C3216X7R2J223K130AE	22,000	0.750	0.0604	10.0
C3216X7R2J223M130AE	22,000	0.750	0.0604	10.0
C3216X7R2J333K160AE	33,000	0.750	0.0372	10.0
C3216X7R2J333M160AE	33,000	0.750	0.0372	10.0
C3216X7T2J473K160AE	47,000	0.750	0.0304	10.0
C3216X7T2J473M160AE	47,000	0.750	0.0304	10.0
C3216X7R2E104K160AE	100,000	0.750	0.0266	5.00
C3216X7R2E104M160AE	100,000	0.750	0.0266	5.00
C3216X7R2A104K160AE	100,000	0.750	0.0254	5.00
C3216X7R2A104M160AE	100,000	0.750	0.0254	5.00
C3216X7T2W104K160AE	100,000	0.750	0.0175	5.00
C3216X7T2W104M160AE	100,000	0.750	0.0175	5.00
C3216X7R2A224K115AE	220,000	0.750	0.0195	2.27
C3216X7R2A224M115AE	220,000	0.750	0.0195	2.27
C3216X7T2E224K160AE	220,000	0.750	0.0159	2.27
C3216X7T2E224M160AE	220,000	0.750	0.0159	2.27
C3216X7R2A474K160AE	470,000	0.750	0.0148	1.06
C3216X7R2A474M160AE	470,000	0.750	0.0148	1.06
C3216X8R1H474K160AE	470,000	0.750	0.0093	1.06
C3216X8R1H474M160AE	470,000	0.750	0.0093	1.06
C3216X7R2A105K160AE	1,000,000	0.750	0.0071	0.500
C3216X7R2A105M160AE	1,000,000	0.750	0.0108	0.500
C3216X7R1H105K160AE	1,000,000	0.750	0.0110	0.500
C3216X7R1H105M160AE	1,000,000	0.750	0.0110	0.500
C3216X7R1H225K160AE	2,200,000	0.750	0.0055	0.227
C3216X7R1H225M160AE	2,200,000	0.750	0.0055	0.227

Multilayer Ceramic Chip Capacitors

Aug. 18, 2020
Simple Model

Commercial Grade, Soft Termination / C3216 series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C3216X7R1V225K160AE	2,200,000	0.750	0.0055	0.227
C3216X7R1E225K160AE	2,200,000	0.750	0.0164	0.227
C3216X7R1E225M160AE	2,200,000	0.750	0.0164	0.227
C3216X7S2A225K160AE	2,200,000	0.750	0.0175	0.227
C3216X7S2A225M160AE	2,200,000	0.750	0.0175	0.227
C3216X7R1H475K160AE	4,700,000	0.750	0.0048	0.106
C3216X7R1H475M160AE	4,700,000	0.750	0.0048	0.106
C3216X7R1V475K160AE	4,700,000	0.750	0.0037	0.106
C3216X7R1V475M160AE	4,700,000	0.750	0.0037	0.106
C3216X7R1E475K160AE	4,700,000	0.750	0.0037	0.106
C3216X7R1E475M160AE	4,700,000	0.750	0.0037	0.106
C3216X7R1V106K160AE	10,000,000	0.750	0.0034	0.0500
C3216X7R1V106M160AE	10,000,000	0.750	0.0034	0.0500
C3216X7R1E106K160AE	10,000,000	0.750	0.0037	0.0500
C3216X7R1E106M160AE	10,000,000	0.750	0.0037	0.0500
C3216X7R1C106K160AE	10,000,000	0.750	0.0048	0.0100
C3216X7R1C106M160AE	10,000,000	0.750	0.0048	0.0100