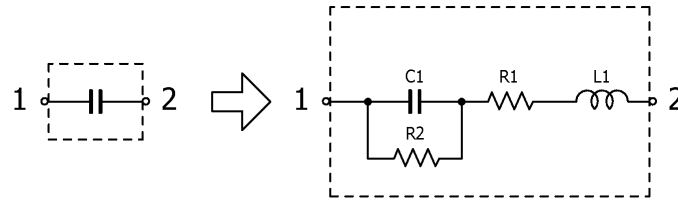


## Multilayer Ceramic Chip Capacitors

Aug. 18, 2020  
Simple Model

Commercial Grade, Mid Voltage (100 to 630V) / C3225 series (1/5)

### Circuit Diagram



### Circuit Parameters

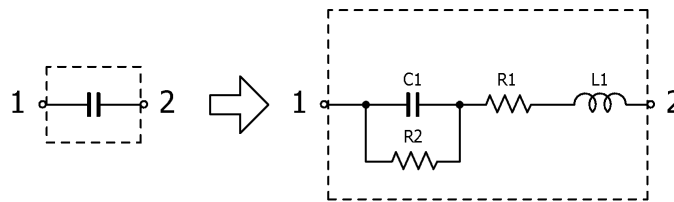
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C3225C0G2J392J125AA	3,900	0.600	0.0150	10.0
C3225C0G2J392K125AA	3,900	0.600	0.0150	10.0
C3225CH2J392J125AA	3,900	0.600	0.0150	10.0
C3225CH2J392K125AA	3,900	0.600	0.0150	10.0
C3225C0G2J472J160AA	4,700	0.600	0.0197	10.0
C3225C0G2J472K160AA	4,700	0.600	0.0197	10.0
C3225CH2J472J160AA	4,700	0.600	0.0197	10.0
C3225CH2J472K160AA	4,700	0.600	0.0197	10.0
C3225C0G2J562J160AA	5,600	0.600	0.0132	10.0
C3225C0G2J562K160AA	5,600	0.600	0.0132	10.0
C3225CH2J562J160AA	5,600	0.600	0.0132	10.0
C3225CH2J562K160AA	5,600	0.600	0.0132	10.0
C3225C0G2J682J200AA	6,800	0.600	0.0142	10.0
C3225C0G2J682K200AA	6,800	0.600	0.0142	10.0
C3225CH2J682J200AA	6,800	0.600	0.0142	10.0
C3225CH2J682K200AA	6,800	0.600	0.0142	10.0
C3225C0G2J822J125AA	8,200	0.600	0.0127	10.0
C3225C0G2J822K125AA	8,200	0.600	0.0127	10.0
C3225CH2J822J125AA	8,200	0.600	0.0127	10.0
C3225CH2J822K125AA	8,200	0.600	0.0127	10.0
C3225C0G2J103J125AA	10,000	0.600	0.0130	10.0
C3225C0G2J103K125AA	10,000	0.600	0.0130	10.0
C3225CH2J103J125AA	10,000	0.600	0.0130	10.0
C3225CH2J103K125AA	10,000	0.600	0.0130	10.0
C3225C0G2E103J160AA	10,000	0.600	0.0132	10.0
C3225C0G2E103K160AA	10,000	0.600	0.0132	10.0
C3225CH2E103J160AA	10,000	0.600	0.0132	10.0
C3225CH2E103K160AA	10,000	0.600	0.0132	10.0
C3225C0G2A153J125AA	15,000	0.600	0.0111	10.0
C3225C0G2A153K125AA	15,000	0.600	0.0111	10.0
C3225CH2A153J125AA	15,000	0.600	0.0111	10.0
C3225CH2A153K125AA	15,000	0.600	0.0111	10.0
C3225C0G2J153J160AA	15,000	0.600	0.0126	10.0
C3225C0G2J153K160AA	15,000	0.600	0.0126	10.0
C3225CH2J153J160AA	15,000	0.600	0.0126	10.0
C3225CH2J153K160AA	15,000	0.600	0.0126	10.0

## Multilayer Ceramic Chip Capacitors

Aug. 18, 2020  
Simple Model

Commercial Grade, Mid Voltage (100 to 630V) / C3225 series (2/5)

### Circuit Diagram



### Circuit Parameters

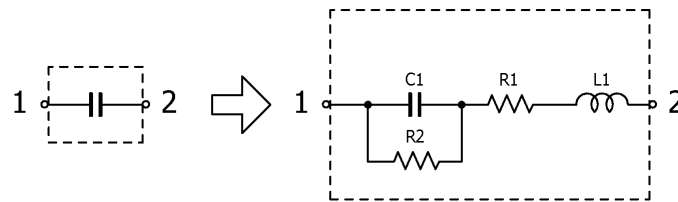
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C3225C0G2E153J200AA	15,000	0.600	0.0089	10.0
C3225C0G2E153K200AA	15,000	0.600	0.0089	10.0
C3225CH2E153J200AA	15,000	0.600	0.0089	10.0
C3225CH2E153K200AA	15,000	0.600	0.0089	10.0
C3225C0G2E223J160AA	22,000	0.600	0.0124	10.0
C3225C0G2E223K160AA	22,000	0.600	0.0124	10.0
C3225C0G2A223J160AA	22,000	0.600	0.0083	10.0
C3225C0G2A223K160AA	22,000	0.600	0.0083	10.0
C3225CH2E223J160AA	22,000	0.600	0.0124	10.0
C3225CH2E223K160AA	22,000	0.600	0.0124	10.0
C3225CH2A223J160AA	22,000	0.600	0.0083	10.0
C3225CH2A223K160AA	22,000	0.600	0.0083	10.0
C3225C0G2J223J230AA	22,000	0.600	0.0088	10.0
C3225C0G2J223K230AA	22,000	0.600	0.0088	10.0
C3225C0G2W223J230AA	22,000	0.600	0.0107	10.0
C3225C0G2W223K230AA	22,000	0.600	0.0107	10.0
C3225CH2J223J230AA	22,000	0.600	0.0088	10.0
C3225CH2J223K230AA	22,000	0.600	0.0088	10.0
C3225CH2W223J230AA	22,000	0.600	0.0107	10.0
C3225CH2W223K230AA	22,000	0.600	0.0107	10.0
C3225C0G2A333J200AA	33,000	0.600	0.0078	10.0
C3225C0G2A333K200AA	33,000	0.600	0.0078	10.0
C3225CH2A333J200AA	33,000	0.600	0.0078	10.0
C3225CH2A333K200AA	33,000	0.600	0.0078	10.0
C3225C0G2E333J230AA	33,000	0.600	0.0107	10.0
C3225C0G2E333K230AA	33,000	0.600	0.0107	10.0
C3225CH2E333J230AA	33,000	0.600	0.0107	10.0
C3225CH2E333K230AA	33,000	0.600	0.0107	10.0
C3225C0G2J333J250AA	33,000	0.600	0.0070	10.0
C3225C0G2J333K250AA	33,000	0.600	0.0070	10.0
C3225C0G2W333J250AA	33,000	0.600	0.0122	10.0
C3225C0G2W333K250AA	33,000	0.600	0.0122	10.0
C3225CH2J333J250AA	33,000	0.600	0.0070	10.0
C3225CH2J333K250AA	33,000	0.600	0.0070	10.0
C3225CH2W333J250AA	33,000	0.600	0.0122	10.0
C3225CH2W333K250AA	33,000	0.600	0.0122	10.0

## Multilayer Ceramic Chip Capacitors

Aug. 18, 2020  
Simple Model

Commercial Grade, Mid Voltage (100 to 630V) / C3225 series (3/5)

### Circuit Diagram



### Circuit Parameters

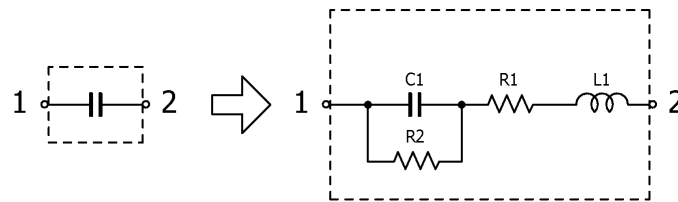
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C3225JB2J473K200AA	47,000	0.600	0.0324	10.0
C3225JB2J473M200AA	47,000	0.600	0.0324	10.0
C3225X5R2J473K200AA	47,000	0.600	0.0324	10.0
C3225X5R2J473M200AA	47,000	0.600	0.0324	10.0
C3225X7R2J473K200AA	47,000	0.600	0.0324	10.0
C3225X7R2J473M200AA	47,000	0.600	0.0324	10.0
C3225C0G2A473J230AA	47,000	0.600	0.0072	10.0
C3225C0G2A473K230AA	47,000	0.600	0.0072	10.0
C3225CH2A473J230AA	47,000	0.600	0.0072	10.0
C3225CH2A473K230AA	47,000	0.600	0.0072	10.0
C3225C0G2E473J250AA	47,000	0.600	0.0098	10.0
C3225C0G2E473K250AA	47,000	0.600	0.0098	10.0
C3225CH2E473J250AA	47,000	0.600	0.0098	10.0
C3225CH2E473K250AA	47,000	0.600	0.0098	10.0
C3225JB2J683K200AA	68,000	0.600	0.0202	7.35
C3225JB2J683M200AA	68,000	0.600	0.0202	7.35
C3225X5R2J683K200AA	68,000	0.600	0.0202	7.35
C3225X5R2J683M200AA	68,000	0.600	0.0202	7.35
C3225X7R2J683K200AA	68,000	0.600	0.0202	7.35
C3225X7R2J683M200AA	68,000	0.600	0.0202	7.35
C3225C0G2A683J230AA	68,000	0.600	0.0103	7.35
C3225C0G2A683K230AA	68,000	0.600	0.0103	7.35
C3225CH2A683J230AA	68,000	0.600	0.0103	7.35
C3225CH2A683K230AA	68,000	0.600	0.0103	7.35
C3225X7T2J104K160AC	100,000	0.600	0.0162	5.00
C3225X7T2J104M160AC	100,000	0.600	0.0162	5.00
C3225JB2E104K200AA	100,000	0.600	0.0208	5.00
C3225JB2E104M200AA	100,000	0.600	0.0208	5.00
C3225X7R2E104K200AA	100,000	0.600	0.0208	5.00
C3225X7R2E104M200AA	100,000	0.600	0.0208	5.00
C3225JB2E154K200AA	150,000	0.600	0.0132	3.33
C3225JB2E154M200AA	150,000	0.600	0.0132	3.33
C3225X5R2E154K200AA	150,000	0.600	0.0132	3.33
C3225X5R2E154M200AA	150,000	0.600	0.0132	3.33
C3225X7R2E154K200AA	150,000	0.600	0.0132	3.33
C3225X7R2E154M200AA	150,000	0.600	0.0132	3.33

## Multilayer Ceramic Chip Capacitors

Aug. 18, 2020  
Simple Model

Commercial Grade, Mid Voltage (100 to 630V) / C3225 series (4/5)

### Circuit Diagram



### Circuit Parameters

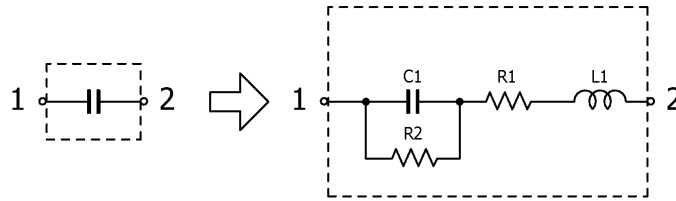
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C3225X7T2J154K200AC	150,000	0.600	0.0119	3.33
C3225X7T2J154M200AC	150,000	0.600	0.0119	3.33
C3225JB2E224K200AA	220,000	0.600	0.0119	2.27
C3225JB2E224M200AA	220,000	0.600	0.0119	2.27
C3225X5R2E224K200AA	220,000	0.600	0.0119	2.27
C3225X5R2E224M200AA	220,000	0.600	0.0119	2.27
C3225X7R2E224K200AA	220,000	0.600	0.0119	2.27
C3225X7R2E224M200AA	220,000	0.600	0.0119	2.27
C3225X7T2W224K200AA	220,000	0.600	0.0099	2.27
C3225X7T2W224M200AA	220,000	0.600	0.0099	2.27
C3225JB2A334K200AA	330,000	0.600	0.0093	1.52
C3225JB2A334M200AA	330,000	0.600	0.0093	1.52
C3225X7R2A334K200AA	330,000	0.600	0.0093	1.52
C3225X7R2A334M200AA	330,000	0.600	0.0093	1.52
C3225X7T2E334K200AA	330,000	0.600	0.0081	1.52
C3225X7T2E334M200AA	330,000	0.600	0.0081	1.52
C3225JB2A474K200AA	470,000	0.600	0.0087	1.06
C3225JB2A474M200AA	470,000	0.600	0.0087	1.06
C3225X7R2A474K200AA	470,000	0.600	0.0087	1.06
C3225X7R2A474M200AA	470,000	0.600	0.0087	1.06
C3225JB2A684K160AA	680,000	0.600	0.0058	0.735
C3225JB2A684M160AA	680,000	0.600	0.0058	0.735
C3225X7R2A684K160AA	680,000	0.600	0.0058	0.735
C3225X7R2A684M160AA	680,000	0.600	0.0058	0.735
C3225JB2A105K200AA	1,000,000	0.600	0.0057	0.500
C3225JB2A105M200AA	1,000,000	0.600	0.0057	0.500
C3225X7R2A105K200AA	1,000,000	0.600	0.0057	0.500
C3225X7R2A105M200AA	1,000,000	0.600	0.0057	0.500
C3225JB2A155K200AB	1,500,000	0.600	0.0045	0.333
C3225JB2A155M200AB	1,500,000	0.600	0.0045	0.333
C3225X5R2A155K200AB	1,500,000	0.600	0.0045	0.333
C3225X5R2A155M200AB	1,500,000	0.600	0.0045	0.333
C3225X7R2A155K200AB	1,500,000	0.600	0.0045	0.333
C3225X7R2A155M200AB	1,500,000	0.600	0.0045	0.333
C3225JB2A225K230AB	2,200,000	0.600	0.0027	0.227
C3225JB2A225M230AB	2,200,000	0.600	0.0027	0.227

## Multilayer Ceramic Chip Capacitors

Aug. 18, 2020  
Simple Model

Commercial Grade, Mid Voltage (100 to 630V) / C3225 series (5/5)

### Circuit Diagram



### Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C3225X5R2A225K230AB	2,200,000	0.600	0.0029	0.227
C3225X5R2A225M230AB	2,200,000	0.600	0.0029	0.227
C3225X7R2A225K230AB	2,200,000	0.600	0.0027	0.227
C3225X7R2A225M230AB	2,200,000	0.600	0.0027	0.227
C3225X7S2A335K200AB	3,300,000	0.600	0.0053	0.151
C3225X7S2A335M200AB	3,300,000	0.600	0.0053	0.151
C3225X7S2A475K200AB	4,700,000	0.600	0.0045	0.106
C3225X7S2A475M200AB	4,700,000	0.600	0.0045	0.106