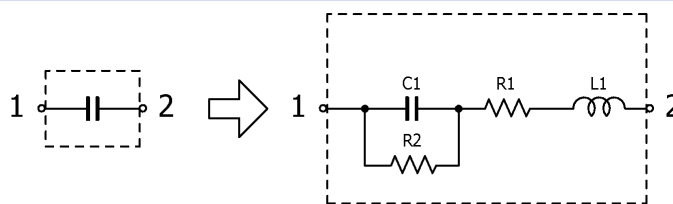


## Multilayer Ceramic Chip Capacitors

May 23, 2024  
Simple Model

Commercial Grade, General (Up to 75V) / C3225 series (1/3)

### Circuit Diagram



### Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C3225C0G1H223J125AA	22,000	0.600	0.0108	10.0
C3225C0G1H223K125AA	22,000	0.600	0.0108	10.0
C3225C0G1H333J160AA	33,000	0.600	0.0091	10.0
C3225C0G1H333K160AA	33,000	0.600	0.0091	10.0
C3225C0G1H473J200AA	47,000	0.600	0.0082	10.0
C3225C0G1H473K200AA	47,000	0.600	0.0082	10.0
C3225C0G1H683J200AA	68,000	0.600	0.0054	7.35
C3225C0G1H683K200AA	68,000	0.600	0.0054	7.35
C3225C0G1H104J250AA	100,000	0.600	0.0056	5.00
C3225C0G1H104K250AA	100,000	0.600	0.0056	5.00
C3225X7R1H105K160AA	1,000,000	0.600	0.0077	0.500
C3225X7R1H105M160AA	1,000,000	0.600	0.0077	0.500
C3225X7R1H155K200AA	1,500,000	0.600	0.0043	0.333
C3225X7R1H155M200AA	1,500,000	0.600	0.0043	0.333
C3225X7R1H225K200AB	2,200,000	0.600	0.0060	0.227
C3225X7R1H225M200AB	2,200,000	0.600	0.0060	0.227
C3225X5R1H225K250AB	2,200,000	0.600	0.0057	0.227
C3225X5R1H225M250AB	2,200,000	0.600	0.0057	0.227
C3225X7R1H225K250AB	2,200,000	0.600	0.0057	0.227
C3225X7R1E335K160AA	3,300,000	0.600	0.0040	0.151
C3225X7R1E335M160AA	3,300,000	0.600	0.0040	0.151
C3225X5R1H335K250AB	3,300,000	0.600	0.0038	0.151
C3225X5R1H335M250AB	3,300,000	0.600	0.0038	0.151
C3225X7R1H335K250AB	3,300,000	0.600	0.0038	0.151
C3225X7R1H335M250AB	3,300,000	0.600	0.0038	0.151
C3225X7R1E475K200AA	4,700,000	0.600	0.0016	0.106
C3225X7R1E475M200AA	4,700,000	0.600	0.0016	0.106
C3225X5R1H475K250AB	4,700,000	0.600	0.0033	0.106
C3225X5R1H475M250AB	4,700,000	0.600	0.0033	0.106
C3225X6S1H475K250AB	4,700,000	0.600	0.0033	0.106
C3225X6S1H475M250AB	4,700,000	0.600	0.0033	0.106
C3225X7R1H475K250AB	4,700,000	0.600	0.0028	0.106
C3225X7R1H475M250AB	4,700,000	0.600	0.0033	0.106
C3225X5R1C685K200AA	6,800,000	0.600	0.0027	0.0140
C3225X5R1C685M200AA	6,800,000	0.600	0.0027	0.0140
C3225X5R1H685K250AB	6,800,000	0.600	0.0028	0.0730

## Multilayer Ceramic Chip Capacitors

May 23, 2024  
Simple Model

Commercial Grade, General (Up to 75V) / C3225 series (2/3)

### Circuit Diagram



### Circuit Parameters

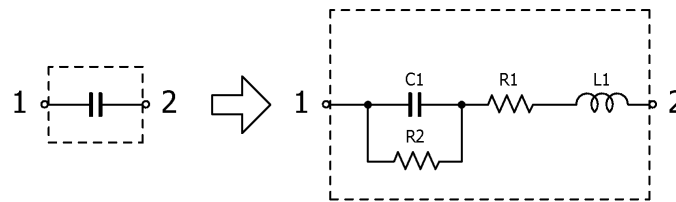
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C3225X5R1H685M250AB	6,800,000	0.600	0.0028	0.0730
C3225X5R1E685K250AA	6,800,000	0.600	0.0046	0.0730
C3225X5R1E685M250AA	6,800,000	0.600	0.0046	0.0730
C3225X6S1H685K250AC	6,800,000	0.600	0.0019	0.0730
C3225X6S1H685M250AC	6,800,000	0.600	0.0019	0.0730
C3225X6S1V685K250AC	6,800,000	0.600	0.0028	0.0730
C3225X6S1V685M250AC	6,800,000	0.600	0.0028	0.0730
C3225X6S1E685K250AB	6,800,000	0.600	0.0046	0.0730
C3225X6S1E685M250AB	6,800,000	0.600	0.0046	0.0730
C3225X7R1E685K250AB	6,800,000	0.600	0.0046	0.0730
C3225X7R1E685M250AB	6,800,000	0.600	0.0046	0.0730
C3225X7S1H685K250AB	6,800,000	0.600	0.0019	0.0730
C3225X7S1H685M250AB	6,800,000	0.600	0.0019	0.0730
C3225X5R1C106K200AA	10,000,000	0.600	0.0022	0.0100
C3225X5R1C106M200AA	10,000,000	0.600	0.0022	0.0100
C3225X7R1C106K200AB	10,000,000	0.600	0.0026	0.0100
C3225X7R1C106M200AB	10,000,000	0.600	0.0026	0.0100
C3225X5R1H106K250AB	10,000,000	0.600	0.0022	0.0500
C3225X5R1H106M250AB	10,000,000	0.600	0.0022	0.0500
C3225X5R1E106K250AA	10,000,000	0.600	0.0024	0.0500
C3225X5R1E106M250AA	10,000,000	0.600	0.0024	0.0500
C3225X6S1H106K250AC	10,000,000	0.600	0.0022	0.0500
C3225X6S1H106M250AC	10,000,000	0.600	0.0022	0.0500
C3225X6S1V106K250AC	10,000,000	0.600	0.0022	0.0500
C3225X6S1V106M250AC	10,000,000	0.600	0.0022	0.0500
C3225X6S1E106K250AC	10,000,000	0.600	0.0024	0.0500
C3225X6S1E106M250AC	10,000,000	0.600	0.0024	0.0500
C3225X7R1H106K250AC	10,000,000	0.600	0.0022	0.0500
C3225X7R1H106M250AC	10,000,000	0.600	0.0022	0.0500
C3225X7R1E106K250AC	10,000,000	0.600	0.0024	0.0500
C3225X7R1E106M250AC	10,000,000	0.600	0.0024	0.0500
C3225X7R1N106K250AC	10,000,000	0.600	0.0022	0.0500
C3225X7R1N106M250AC	10,000,000	0.600	0.0022	0.0500
C3225X7S1H106K250AB	10,000,000	0.600	0.0022	0.0500
C3225X7S1H106M250AB	10,000,000	0.600	0.0022	0.0500
C3225X5R1A156M230AA	15,000,000	0.600	0.0021	0.00600

## Multilayer Ceramic Chip Capacitors

May 23, 2024  
Simple Model

Commercial Grade, General (Up to 75V) / C3225 series (3/3)

### Circuit Diagram



### Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C3225X5R1C156M250AA	15,000,000	0.600	0.0030	0.00600
C3225X7R1C156M250AB	15,000,000	0.600	0.0030	0.00600
C3225X5R0J226K200AA	22,000,000	0.600	0.0022	0.00400
C3225X5R0J226M200AA	22,000,000	0.600	0.0022	0.00400
C3225X5R1A226M230AA	22,000,000	0.600	0.0021	0.00400
C3225X7R1A226K230AC	22,000,000	0.600	0.0025	0.00400
C3225X7R1A226M230AC	22,000,000	0.600	0.0025	0.00400
C3225X5R1C226K250AA	22,000,000	0.600	0.0021	0.00400
C3225X5R1C226M250AA	22,000,000	0.600	0.0021	0.00400
C3225X6S1C226M250AC	22,000,000	0.600	0.0021	0.00400
C3225X7R1E226M250AB	22,000,000	0.600	0.0014	0.0220
C3225X7R1C226K250AC	22,000,000	0.600	0.0021	0.00400
C3225X7R1C226M250AC	22,000,000	0.600	0.0021	0.00400
C3225X5R1A336M200AC	33,000,000	0.600	0.0025	0.00300
C3225X5R0J336M200AA	33,000,000	0.600	0.0025	0.00300
C3225X5R0J336M250AA	33,000,000	0.600	0.0024	0.00300
C3225X5R1A476M250AC	47,000,000	0.600	0.0023	0.00200
C3225X5R0J476M250AA	47,000,000	0.600	0.0023	0.00200
C3225X6S0J476M250AC	47,000,000	0.600	0.0023	0.00200
C3225X7S1A476M250AC	47,000,000	0.600	0.0013	0.00200
C3225X7S0J476M250AC	47,000,000	0.600	0.0023	0.00200
C3225X5R1A107M250AC	100,000,000	0.600	0.0008	0.00100
C3225X5R0J107M250AB	100,000,000	0.600	0.0008	0.00100
C3225X6S1A107M250AC	100,000,000	0.600	0.0008	0.00100
C3225X6S0J107M250AB	100,000,000	0.600	0.0008	0.00100
C3225X7T1A107M250AC	100,000,000	0.600	0.0008	0.00100
C3225X7T0J107M250AB	100,000,000	0.600	0.0008	0.00100