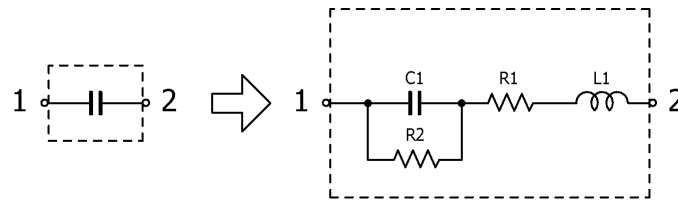


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (Mid Voltage (100 to 630V)) / C4532 series (1/4)

Circuit Diagram



Circuit Parameters

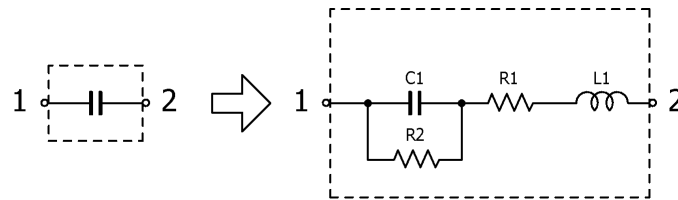
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C4532C0G2J822J160KA	8,200	0.700	0.0153	10.0
C4532C0G2J822K160KA	8,200	0.700	0.0153	10.0
C4532CH2J822J160KA	8,200	0.700	0.0153	10.0
C4532CH2J822K160KA	8,200	0.700	0.0153	10.0
C4532C0G2J103J160KA	10,000	0.700	0.0148	10.0
C4532C0G2J103K160KA	10,000	0.700	0.0148	10.0
C4532CH2J103J160KA	10,000	0.700	0.0148	10.0
C4532CH2J103K160KA	10,000	0.700	0.0148	10.0
C4532C0G2J153J250KA	15,000	0.700	0.0100	10.0
C4532C0G2J153K250KA	15,000	0.700	0.0100	10.0
C4532CH2J153J250KA	15,000	0.700	0.0100	10.0
C4532CH2J153K250KA	15,000	0.700	0.0100	10.0
C4532C0G2J223J320KA	22,000	0.700	0.0097	10.0
C4532C0G2J223K320KA	22,000	0.700	0.0097	10.0
C4532CH2J223J320KA	22,000	0.700	0.0097	10.0
C4532CH2J223K320KA	22,000	0.700	0.0097	10.0
C4532C0G2E223J160KA	22,000	0.700	0.0080	10.0
C4532C0G2E223K160KA	22,000	0.700	0.0080	10.0
C4532CH2E223J160KA	22,000	0.700	0.0080	10.0
C4532CH2E223K160KA	22,000	0.700	0.0080	10.0
C4532NP02J333J200KA	33,000	0.700	0.0076	10.0
C4532C0G2E333J200KA	33,000	0.700	0.0102	10.0
C4532C0G2E333K200KA	33,000	0.700	0.0102	10.0
C4532CH2E333J200KA	33,000	0.700	0.0102	10.0
C4532CH2E333K200KA	33,000	0.700	0.0102	10.0
C4532C0G2J473J320KA	47,000	0.700	0.0063	10.0
C4532C0G2J473K320KA	47,000	0.700	0.0063	10.0
C4532CH2J473J320KA	47,000	0.700	0.0063	10.0
C4532CH2J473K320KA	47,000	0.700	0.0063	10.0
C4532C0G2W473J230KA	47,000	0.700	0.0067	10.0
C4532C0G2W473K230KA	47,000	0.700	0.0067	10.0
C4532CH2W473J230KA	47,000	0.700	0.0067	10.0
C4532CH2W473K230KA	47,000	0.700	0.0067	10.0
C4532C0G2E473J320KA	47,000	0.700	0.0084	10.0
C4532C0G2E473K320KA	47,000	0.700	0.0084	10.0
C4532CH2E473J320KA	47,000	0.700	0.0084	10.0
C4532CH2E473K320KA	47,000	0.700	0.0084	10.0

Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (Mid Voltage (100 to 630V)) / C4532 series (2/4)

Circuit Diagram



Circuit Parameters

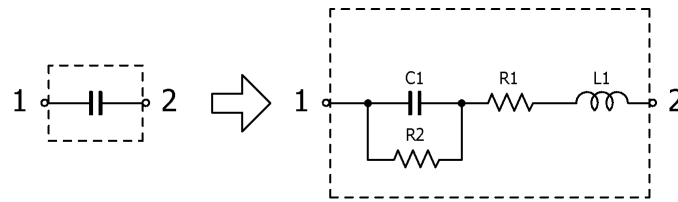
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C4532C0G2A473J200KA	47,000	0.700	0.0076	10.0
C4532C0G2A473K200KA	47,000	0.700	0.0076	10.0
C4532CH2A473J200KA	47,000	0.700	0.0076	10.0
C4532CH2A473K200KA	47,000	0.700	0.0076	10.0
C4532C0G2W683J320KA	68,000	0.700	0.0051	7.35
C4532C0G2W683K320KA	68,000	0.700	0.0051	7.35
C4532CH2W683J320KA	68,000	0.700	0.0051	7.35
C4532CH2W683K320KA	68,000	0.700	0.0051	7.35
C4532C0G2E683J230KN	68,000	0.700	0.0062	7.35
C4532C0G2E683K230KN	68,000	0.700	0.0062	7.35
C4532CH2E683J230KN	68,000	0.700	0.0062	7.35
C4532CH2E683K230KN	68,000	0.700	0.0062	7.35
C4532C0G2A683J250KA	68,000	0.700	0.0066	7.35
C4532C0G2A683K250KA	68,000	0.700	0.0066	7.35
C4532CH2A683J250KA	68,000	0.700	0.0066	7.35
C4532CH2A683K250KA	68,000	0.700	0.0066	7.35
C4532C0G2E104J320KN	100,000	0.700	0.0055	5.00
C4532C0G2E104K320KN	100,000	0.700	0.0055	5.00
C4532CH2E104J320KN	100,000	0.700	0.0055	5.00
C4532CH2E104K320KN	100,000	0.700	0.0055	5.00
C4532NP02E104J320KN	100,000	0.700	0.0051	5.00
C4532C0G2A104J320KA	100,000	0.700	0.0053	5.00
C4532C0G2A104K320KA	100,000	0.700	0.0053	5.00
C4532CH2A104J320KA	100,000	0.700	0.0053	5.00
C4532CH2A104K320KA	100,000	0.700	0.0053	5.00
C4532JB2J683K160KA	68,000	0.700	0.0232	7.35
C4532JB2J683M160KA	68,000	0.700	0.0232	7.35
C4532X7R2J683K160KA	68,000	0.700	0.0232	7.35
C4532X7R2J683M160KA	68,000	0.700	0.0232	7.35
C4532JB2J104K230KA	100,000	0.700	0.0182	5.00
C4532JB2J104M230KA	100,000	0.700	0.0182	5.00
C4532X5R2J104K230KA	100,000	0.700	0.0182	5.00
C4532X5R2J104M230KA	100,000	0.700	0.0182	5.00
C4532X7R2J104K230KA	100,000	0.700	0.0182	5.00
C4532X7R2J104M230KA	100,000	0.700	0.0182	5.00
C4532X7T2J154K160KC	150,000	0.700	0.0173	3.33
C4532X7T2J154M160KC	150,000	0.700	0.0173	3.33

Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (Mid Voltage (100 to 630V)) / C4532 series (3/4)

Circuit Diagram



Circuit Parameters

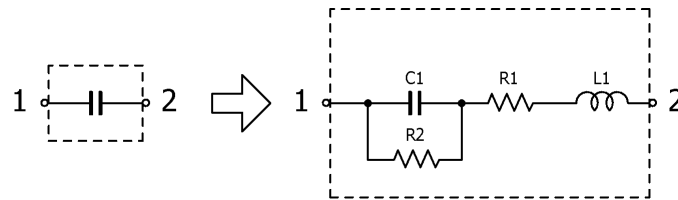
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C4532JB2E154K160KA	150,000	0.700	0.0198	3.33
C4532JB2E154M160KA	150,000	0.700	0.0198	3.33
C4532X7R2E154K160KA	150,000	0.700	0.0198	3.33
C4532X7R2E154M160KA	150,000	0.700	0.0198	3.33
C4532X7T2J224K200KC	220,000	0.700	0.0134	2.27
C4532X7T2J224M200KC	220,000	0.700	0.0134	2.27
C4532JB2E224K230KA	220,000	0.700	0.0112	2.27
C4532JB2E224M230KA	220,000	0.700	0.0112	2.27
C4532X7R2E224K230KA	220,000	0.700	0.0112	2.27
C4532X7R2E224M230KA	220,000	0.700	0.0112	2.27
C4532X7T2J304K250KA	300,000	0.700	0.0106	1.67
C4532X7T2J304M250KA	300,000	0.700	0.0106	1.67
C4532X7T2W334K160KA	330,000	0.700	0.0107	1.52
C4532X7T2W334M160KA	330,000	0.700	0.0107	1.52
C4532JB2E334K230KA	330,000	0.700	0.0103	1.52
C4532JB2E334M230KA	330,000	0.700	0.0103	1.52
C4532X5R2E334K230KA	330,000	0.700	0.0103	1.52
C4532X5R2E334M230KA	330,000	0.700	0.0103	1.52
C4532X7R2E334K230KA	330,000	0.700	0.0103	1.52
C4532X7R2E334M230KA	330,000	0.700	0.0103	1.52
C4532X7T2W474K230KA	470,000	0.700	0.0075	1.06
C4532X7T2W474M230KA	470,000	0.700	0.0075	1.06
C4532JB2E474K230KA	470,000	0.700	0.0095	1.06
C4532JB2E474M230KA	470,000	0.700	0.0095	1.06
C4532X5R2E474K230KA	470,000	0.700	0.0095	1.06
C4532X5R2E474M230KA	470,000	0.700	0.0095	1.06
C4532X7R2E474K230KA	470,000	0.700	0.0095	1.06
C4532X7R2E474M230KA	470,000	0.700	0.0095	1.06
C4532X7T2E684K160KA	680,000	0.700	0.0077	0.735
C4532X7T2E684M160KA	680,000	0.700	0.0077	0.735
C4532JB2A684K230KA	680,000	0.700	0.0075	0.735
C4532JB2A684M230KA	680,000	0.700	0.0075	0.735
C4532X7R2A684K230KA	680,000	0.700	0.0075	0.735
C4532X7R2A684M230KA	680,000	0.700	0.0075	0.735
C4532X7T2E105K250KA	1,000,000	0.700	0.0061	0.500
C4532X7T2E105M250KA	1,000,000	0.700	0.0061	0.500
C4532JB2A105K230KA	1,000,000	0.700	0.0060	0.500

Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (Mid Voltage (100 to 630V)) / C4532 series (4/4)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C4532JB2A105M230KA	1,000,000	0.700	0.0060	0.500
C4532X7R2A105K230KA	1,000,000	0.700	0.0060	0.500
C4532X7R2A105M230KA	1,000,000	0.700	0.0060	0.500
C4532JB2A155K230KA	1,500,000	0.700	0.0054	0.333
C4532JB2A155M230KA	1,500,000	0.700	0.0054	0.333
C4532X7R2A155K230KA	1,500,000	0.700	0.0054	0.333
C4532X7R2A155M230KA	1,500,000	0.700	0.0054	0.333
C4532JB2A225K230KA	2,200,000	0.700	0.0037	0.227
C4532JB2A225M230KA	2,200,000	0.700	0.0037	0.227
C4532X7R2A225K230KA	2,200,000	0.700	0.0037	0.227
C4532X7R2A225M230KA	2,200,000	0.700	0.0037	0.227
C4532X7S2A335K200KB	3,300,000	0.700	0.0048	0.151
C4532X7S2A335M200KB	3,300,000	0.700	0.0048	0.151
C4532X7S2A475K230KB	4,700,000	0.700	0.0058	0.106
C4532X7S2A475M230KB	4,700,000	0.700	0.0058	0.106