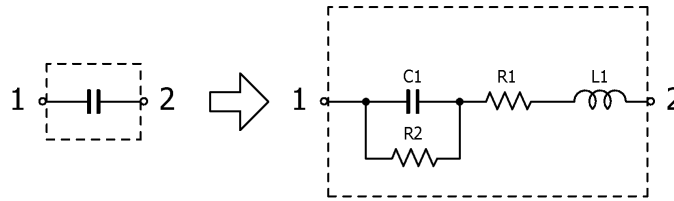


Multilayer Ceramic Chip Capacitors

May 23, 2024
Simple Model

Commercial Grade, Mid Voltage (100 to 630V) / C5750 series (1/2)

Circuit Diagram



Circuit Parameters

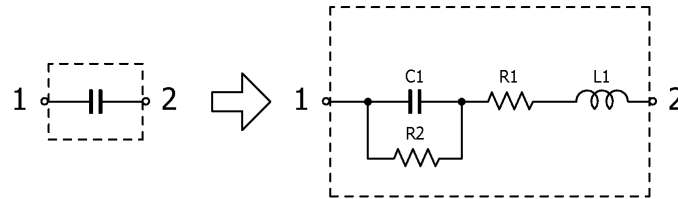
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C5750C0G2J683J230KC	68,000	0.650	0.0044	7.35
C5750C0G2J683K230KC	68,000	0.650	0.0051	7.35
C5750C0G2J104J280KC	100,000	0.650	0.0029	5.00
C5750C0G2J104K280KC	100,000	0.650	0.0029	5.00
C5750C0G2W104J280KA	100,000	0.650	0.0045	5.00
C5750C0G2W104K280KA	100,000	0.650	0.0045	5.00
C5750X5R2J154K160KA	150,000	0.650	0.0151	3.33
C5750X5R2J154M160KA	150,000	0.650	0.0151	3.33
C5750X7R2J154K160KA	150,000	0.650	0.0151	3.33
C5750X7R2J154M160KA	150,000	0.650	0.0151	3.33
C5750C0G2E154J230KN	150,000	0.650	0.0032	3.33
C5750C0G2E154K230KN	150,000	0.650	0.0032	3.33
C5750C0G2A154J230KA	150,000	0.650	0.0032	3.33
C5750C0G2A154K230KA	150,000	0.650	0.0032	3.33
C5750X5R2J224K230KA	220,000	0.650	0.0110	2.27
C5750X5R2J224M230KA	220,000	0.650	0.0110	2.27
C5750X7R2J224K230KA	220,000	0.650	0.0110	2.27
C5750X7R2J224M230KA	220,000	0.650	0.0110	2.27
C5750X7R2E334K160KA	330,000	0.650	0.0087	1.52
C5750X7R2E334M160KA	330,000	0.650	0.0087	1.52
C5750X7T2J334K200KC	330,000	0.650	0.0106	1.52
C5750X7T2J334M200KC	330,000	0.650	0.0106	1.52
C5750X7R2E474K230KA	470,000	0.650	0.0079	1.06
C5750X7R2E474M230KA	470,000	0.650	0.0079	1.06
C5750X7T2J474K250KC	470,000	0.650	0.0084	1.06
C5750X7T2J474M250KC	470,000	0.650	0.0084	1.06
C5750X7R2A684K160KA	680,000	0.650	0.0082	0.735
C5750X7R2A684M160KA	680,000	0.650	0.0082	0.735
C5750X7T2W684K200KA	680,000	0.650	0.0079	0.735
C5750X7T2W684M200KA	680,000	0.650	0.0079	0.735
C5750X5R2E684K230KA	680,000	0.650	0.0079	0.735
C5750X5R2E684M230KA	680,000	0.650	0.0079	0.735
C5750X7R2E684K230KA	680,000	0.650	0.0079	0.735
C5750X7R2E684M230KA	680,000	0.650	0.0079	0.735
C5750X5R2E105K230KA	1,000,000	0.650	0.0061	0.500
C5750X5R2E105M230KA	1,000,000	0.650	0.0061	0.500

Multilayer Ceramic Chip Capacitors

May 23, 2024
Simple Model

Commercial Grade, Mid Voltage (100 to 630V) / C5750 series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C5750X7R2E105K230KA	1,000,000	0.650	0.0061	0.500
C5750X7R2E105M230KA	1,000,000	0.650	0.0061	0.500
C5750X7R2A105K230KA	1,000,000	0.650	0.0061	0.500
C5750X7R2A105M230KA	1,000,000	0.650	0.0061	0.500
C5750X6S2W105K250KA	1,000,000	0.650	0.0053	0.500
C5750X6S2W105M250KA	1,000,000	0.650	0.0053	0.500
C5750X7T2W105K250KA	1,000,000	0.650	0.0053	0.500
C5750X7T2W105M250KA	1,000,000	0.650	0.0053	0.500
C5750X7T2E155K200KA	1,500,000	0.650	0.0055	0.333
C5750X7T2E155M200KA	1,500,000	0.650	0.0055	0.333
C5750X7R2A155K230KA	1,500,000	0.650	0.0047	0.333
C5750X7R2A155M230KA	1,500,000	0.650	0.0047	0.333
C5750X7R2A225K230KA	2,200,000	0.650	0.0032	0.227
C5750X7R2A225M230KA	2,200,000	0.650	0.0032	0.227
C5750X6S2W225K250KA	2,200,000	0.650	0.0043	0.227
C5750X6S2W225M250KA	2,200,000	0.650	0.0043	0.227
C5750X7T2E225K250KA	2,200,000	0.650	0.0043	0.227
C5750X7T2E225M250KA	2,200,000	0.650	0.0043	0.227
C5750X5R2A335K230KA	3,300,000	0.650	0.0031	0.151
C5750X5R2A335M230KA	3,300,000	0.650	0.0031	0.151
C5750X7R2A335K230KA	3,300,000	0.650	0.0031	0.151
C5750X7R2A335M230KA	3,300,000	0.650	0.0031	0.151
C5750X5R2A475K230KA	4,700,000	0.650	0.0025	0.106
C5750X5R2A475M230KA	4,700,000	0.650	0.0025	0.106
C5750X7R2A475K230KA	4,700,000	0.650	0.0025	0.106
C5750X7R2A475M230KA	4,700,000	0.650	0.0025	0.106
C5750X7S2A685K200KB	6,800,000	0.650	0.0035	0.0730
C5750X7S2A685M200KB	6,800,000	0.650	0.0035	0.0730
C5750X7S2A106K230KB	10,000,000	0.650	0.0034	0.0500
C5750X7S2A106M230KB	10,000,000	0.650	0.0034	0.0500
C5750X7S2A156M250KB	15,000,000	0.650	0.0024	0.0330
C5750X7S2A226M280KB	22,000,000	0.650	0.0019	0.0220