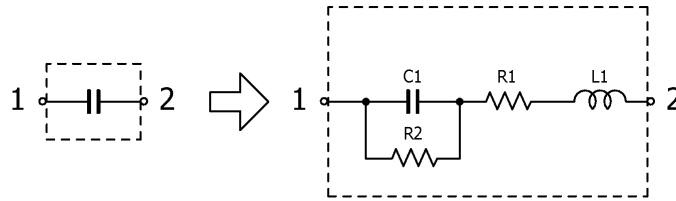


Multilayer Ceramic Chip Capacitors

Feb. 27, 2026
Simple Model

Commercial Grade Soft Termination / C5750 series

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C5750C0G2A154J230KE	150,000	0.650	0.0062	3.33
C5750C0G2E154J230KE	150,000	0.650	0.0062	3.33
C5750C0G2J683G230KE	68,000	0.650	0.0079	7.35
C5750C0G2J683J230KE	68,000	0.650	0.0079	7.35
C5750X7R2E105K230KE	1,000,000	0.650	0.0078	0.500
C5750X7R2E105M230KE	1,000,000	0.650	0.0078	0.500
C5750X7R2J224K230KE	220,000	0.650	0.0130	2.27
C5750X7R2J224M230KE	220,000	0.650	0.0130	2.27
C5750X7S2A106K230KE	10,000,000	0.650	0.0049	0.0500
C5750X7S2A106M230KE	10,000,000	0.650	0.0049	0.0500
C5750X7T2E225K250KE	2,200,000	0.650	0.0049	0.227
C5750X7T2E225M250KE	2,200,000	0.650	0.0049	0.227
C5750X7T2W105K250KE	1,000,000	0.650	0.0068	0.500
C5750X7T2W105M250KE	1,000,000	0.650	0.0068	0.500
C5750X7T2J474K250KE	470,000	0.650	0.0124	1.06
C5750X7T2J474M250KE	470,000	0.650	0.0124	1.06