

Chip Beads

Feb. 27, 2026
Simple Model

Automotive Grade for Power Line / MPZ1608 series

Circuit Diagram



Circuit Parameters

Part No.	R1[ohm]	L1[uH]	C1[pF]	R2[ohm]
MPZ1608S260ATDH5	34	0.072	0.1384	0.004
MPZ1608S300ATDH5	30	0.12	0.0800	0.005
MPZ1608S600ATDH5	70	0.30	0.2000	0.015
MPZ1608S101ATDH5	120	0.55	0.3800	0.022
MPZ1608S121ATDH5	170	0.26	0.5294	0.027
MPZ1608S181ATDH5	250	0.39	0.5155	0.036
MPZ1608B471ATD25	470	8.6	0.2583	0.110
MPZ1608R391ATD25	400	2.6	0.5000	0.095
MPZ1608S221ATD25	260	1.0	0.5800	0.039
MPZ1608S331ATD25	350	1.2	0.5700	0.055
MPZ1608S471ATD25	580	0.98	0.6395	0.083
MPZ1608S601ATD25	750	3.0	0.5000	0.088
MPZ1608S102ATD25	1,000	2.9	0.7102	0.179
MPZ1608Y600BTD25	120	0.12	0.7000	0.023
MPZ1608Y101BTD25	180	0.22	0.8500	0.030
MPZ1608Y151BTD25	230	0.30	0.8500	0.037
MPZ1608Y221BTD25	350	0.42	0.3550	0.065
MPZ1608D300BTD25	200	0.053	0.8500	0.044
MPZ1608D600BTD25	330	0.090	0.3600	0.077
MPZ1608D101BTD25	600	0.14	0.4000	0.120