

## Chip Beads

Feb. 27, 2026  
Simple Model

Commercial Grade for Power Line / MPZ1608 series

### Circuit Diagram



### Circuit Parameters

Part No.	R1[ohm]	L1[uH]	C1[pF]	R2[ohm]
MPZ1608S260ATAH0	34	0.072	0.1384	0.004
MPZ1608S300ATAH0	30	0.12	0.0800	0.005
MPZ1608S600ATAH0	70	0.30	0.2000	0.015
MPZ1608S101ATAH0	120	0.55	0.3800	0.022
MPZ1608S121ATAH0	170	0.26	0.5294	0.027
MPZ1608S181ATAH0	250	0.39	0.5155	0.036
MPZ1608B471ATA00	470	8.6	0.2583	0.110
MPZ1608R391ATA00	400	2.6	0.5000	0.095
MPZ1608S221ATA00	260	1.0	0.5800	0.039
MPZ1608S331ATA00	350	1.2	0.5700	0.055
MPZ1608S471ATA00	580	0.98	0.6395	0.083
MPZ1608S601ATA00	750	3.0	0.5000	0.088
MPZ1608S102ATA00	1,000	2.9	0.7102	0.179
MPZ1608Y600BTA00	120	0.12	0.7000	0.023
MPZ1608Y101BTA00	180	0.22	0.8500	0.030
MPZ1608Y151BTA00	230	0.30	0.8500	0.037
MPZ1608Y221BTA00	350	0.42	0.3550	0.065
MPZ1608D300BTA00	200	0.053	0.8500	0.044
MPZ1608D600BTA00	330	0.090	0.3600	0.077
MPZ1608D101BTA00	600	0.14	0.4000	0.120