

## Chip Beads

Aug. 6, 2018  
Simple Model

Commercial Grade for Power Line / MPZ1005-E series

### Circuit Diagram



### Circuit Parameters

| Part No.         | R1[ohm] | L1[uH] | C1[pF] | R2[ohm] |
|------------------|---------|--------|--------|---------|
| MPZ1005S121ET000 | 220     | 0.42   | 0.0295 | 0.075   |
| MPZ1005S221ET000 | 360     | 0.87   | 0.0706 | 0.140   |
| MPZ1005S331ET000 | 590     | 1.3    | 0.0466 | 0.170   |
| MPZ1005A151ET000 | 370     | 0.27   | 0.0851 | 0.124   |
| MPZ1005A331ET000 | 790     | 0.60   | 0.0678 | 0.220   |
| MPZ1005D330ET000 | 310     | 0.057  | 0.1029 | 0.126   |
| MPZ1005D750ET000 | 660     | 0.12   | 0.0690 | 0.230   |
| MPZ1005F330ET000 | 720     | 0.054  | 0.0903 | 0.246   |
| MPZ1005F470ET000 | 1,000   | 0.080  | 0.0742 | 0.340   |