

TDK Equivalent Circuit Model Library

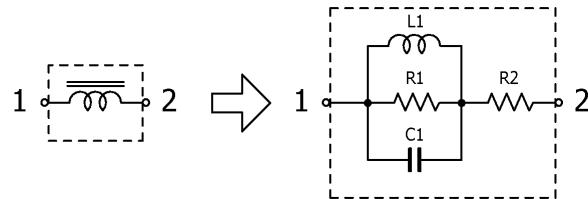


Chip Beads

Automotive Grade for Power Line / MPZ1005-E series

Aug. 6, 2018
Simple Model

Circuit Diagram



Circuit Parameters

Part No.	R1[ohm]	L1[uH]	C1[pF]	R2[ohm]
MPZ1005S121ETD25	220	0.42	0.0295	0.075
MPZ1005S221ETD25	360	0.87	0.0706	0.140
MPZ1005S331ETD25	590	1.3	0.0466	0.170
MPZ1005A151ETD25	370	0.27	0.0851	0.124
MPZ1005A331ETD25	790	0.60	0.0678	0.220
MPZ1005D330ETD25	310	0.057	0.1029	0.126
MPZ1005D750ETD25	660	0.12	0.0690	0.230
MPZ1005F330ETD25	720	0.054	0.0903	0.246
MPZ1005F470ETD25	1,000	0.080	0.0742	0.340