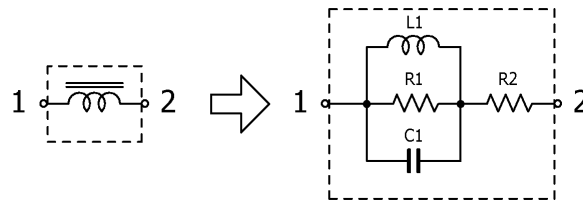


Chip Beads

Feb. 27, 2026
Simple Model

Automotive Grade for Signal Line / MMZ1005 series

Circuit Diagram



Circuit Parameters

Part No.	R1[ohm]	L1[uH]	C1[pF]	R2[ohm]
MMZ1005B800CTD25	100	0.70	0.3800	0.160
MMZ1005B121CTD25	150	1.0	0.4000	0.210
MMZ1005B601CTD25	670	4.3	0.5000	0.740
MMZ1005S800CTD25	120	0.25	0.3600	0.100
MMZ1005S121CTD25	180	0.40	0.3500	0.150
MMZ1005S241CTD25	270	0.50	0.4000	0.240
MMZ1005S601CTD25	720	1.9	0.4000	0.430
MMZ1005S102CTD25	1,200	3.4	0.4000	0.710
MMZ1005Y400CTD25	70	0.070	0.0800	0.090
MMZ1005Y800CTD25	140	0.13	0.2300	0.130
MMZ1005Y121CTD25	220	0.21	0.2700	0.170
MMZ1005Y241CTD25	400	0.37	0.3100	0.250
MMZ1005Y301CTD25	510	0.48	0.3200	0.280
MMZ1005Y471CTD25	760	0.72	0.3400	0.370
MMZ1005Y601CTD25	960	1.0	0.3400	0.450
MMZ1005Y102CTD25	1,400	1.7	0.3900	0.600
MMZ1005Y152CTD25	1,800	3.0	0.5200	0.800
MMZ1005Y182CTD25	2,200	2.2	0.6057	0.630
MMZ1005D100CTD25	60	0.010	0.0100	0.070
MMZ1005D220CTD25	120	0.030	0.2000	0.110
MMZ1005D330CTD25	210	0.040	0.2200	0.180
MMZ1005D680CTD25	520	0.11	0.3200	0.330
MMZ1005D121CTD25	1,000	0.20	0.3700	0.480
MMZ1005D241CTD25	2,600	0.42	0.6300	0.950
MMZ1005F330CTD25	680	0.060	0.2800	0.300
MMZ1005F470CTD25	900	0.080	0.3100	0.370
MMZ1005F560CTD25	1,100	0.10	0.3800	0.530