

## Chip Beads

Aug. 6, 2018  
Simple Model

Automotive Grade for Signal Line / MMZ1608 series (1/2)

### Circuit Diagram



### Circuit Parameters

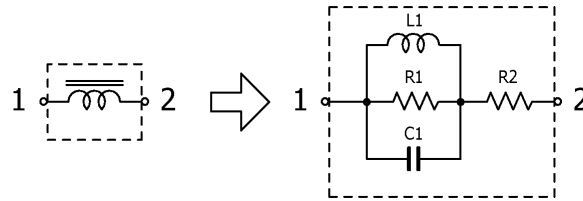
Part No.	R1[ohm]	L1[uH]	C1[pF]	R2[ohm]
MMZ1608B121CTDH5	120	2.5	0.1600	0.100
MMZ1608B221CTDH5	220	4.8	0.1290	0.110
MMZ1608B301CTDH5	300	5.3	0.3000	0.150
MMZ1608B471CTDH5	470	10	0.1822	0.188
MMZ1608B601CTDH5	550	9.5	0.3800	0.250
MMZ1608B102CTD25	1,000	28	0.1840	0.339
MMZ1608R150ATD25	17	0.11	0.5000	0.008
MMZ1608R300ATD25	33	0.23	0.5000	0.014
MMZ1608R600ATD25	68	0.48	0.7000	0.044
MMZ1608R121ATD25	110	0.85	1.3800	0.100
MMZ1608R301ATD25	250	2.2	1.1500	0.160
MMZ1608R471ATD25	480	3.4	0.5427	0.201
MMZ1608R601ATD25	430	5.9	1.0000	0.245
MMZ1608R102ATD25	680	7.0	0.9900	0.295
MMZ1608S400ATD25	45	0.20	0.0001	0.016
MMZ1608S800ATD25	87	0.39	1.3000	0.075
MMZ1608S121ATD25	120	0.40	1.2000	0.125
MMZ1608S181ATD25	190	0.90	1.0000	0.140
MMZ1608S221ATD25	260	0.60	0.5780	0.093
MMZ1608S301ATD25	290	1.1	0.9700	0.150
MMZ1608S471ATD25	520	1.5	0.5986	0.145
MMZ1608S601ATD25	570	2.4	0.8700	0.220
MMZ1608S102ATD25	970	3.9	0.7300	0.330
MMZ1608S202ATD25	2,400	17	0.5835	0.644
MMZ1608Y150BTD25	22	0.025	0.0500	0.009
MMZ1608Y300BTD25	47	0.052	0.0500	0.018
MMZ1608Y600BTD25	100	0.11	0.1000	0.054
MMZ1608Y121BTD25	180	0.24	0.8300	0.125
MMZ1608Y221BTD25	350	0.42	0.3552	0.159
MMZ1608Y301BTD25	350	0.79	0.8200	0.160
MMZ1608Y471BTD25	610	0.92	0.5744	0.196
MMZ1608Y601BTD25	730	1.1	0.5900	0.280
MMZ1608Y751BTD25	930	1.4	0.5259	0.270
MMZ1608Y102BTD25	1,200	2.2	0.5900	0.350
MMZ1608Y152BTD25	1,600	2.4	0.5000	0.540
MMZ1608A182BTD25	1,900	2.6	0.6493	0.436

## Chip Beads

Aug. 6, 2018  
Simple Model

Automotive Grade for Signal Line / MMZ1608 series (2/2)

### Circuit Diagram



### Circuit Parameters

Part No.	R1[ohm]	L1[uH]	C1[pF]	R2[ohm]
MMZ1608A222BTD25	2,200	3.0	0.6848	0.436
MMZ1608A252BTD25	2,300	3.1	0.7500	0.430
MMZ1608Q121BTD25	270	0.20	0.7567	0.136
MMZ1608Q221BTD25	530	0.36	0.5326	0.261
MMZ1608Q331BTD25	720	0.52	0.5625	0.231
MMZ1608Q471BTD25	940	0.71	0.6172	0.352
MMZ1608Q601BTD25	1,200	0.85	0.6540	0.471
MMZ1608Q102BTD25	1,700	1.3	0.6120	0.649
MMZ1608D050CTD25	26	0.0080	0.0001	0.011
MMZ1608D100CTDH5	75	0.020	0.0500	0.050
MMZ1608D220CTDH5	140	0.044	0.1000	0.072
MMZ1608D500CTDH5	340	0.10	0.1200	0.150
MMZ1608D800CTDH5	630	0.19	0.1800	0.200
MMZ1608D800BTD25	700	0.18	0.5300	0.230
MMZ1608D121CTDH5	970	0.24	0.2500	0.250
MMZ1608D121BTD25	1,700	0.24	0.6000	0.280
MMZ1608D241CTD25	1,600	0.38	0.7800	0.371
MMZ1608D301BTD25	3,700	0.43	0.6900	0.530
MMZ1608F030BTD25	75	0.0041	0.0244	0.011
MMZ1608F470BTD25	1,000	0.073	0.9138	0.252
MMZ1608F750BTD25	2,900	0.11	0.9407	0.334
MMZ1608F121BTD25	6,500	0.18	0.8496	0.449