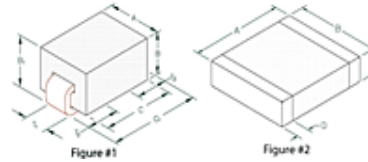
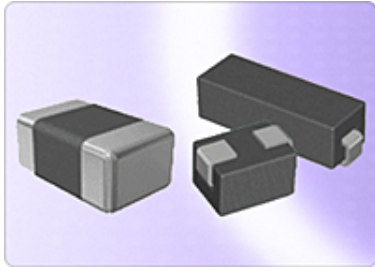


Chip Beads - Power Filtering

Laird Technologies offers the highest current chip beads in the industry going up to 10 amps in a compact surface mount chip bead. These beads provide excellent retention under bias by minimizing the frequency shift and drop in relative impedance.

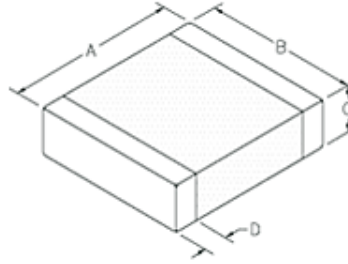
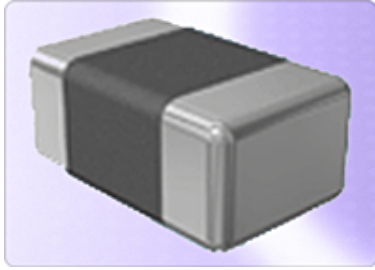


Item #	Figure Number	Typical Peak Impedance (OHMS)	Peak Impedance Frequency (MHZ)	MAX. DCR (OHMS)	Dimension A	Dimension B	Dimension C
28F0121-0SR-10	1	54	1000	0.00075	3.05 mm 0.120 in	2.54 mm 0.100 in	4.06 mm 0.160 in
28F0121-1SR-10	1	117	833	0.001	3.05 mm 0.120 in	2.54 mm 0.100 in	8.51 mm 0.335 in
28F0181-1SR-10	1	125	900	0.001	4.57 mm 0.180 in	2.54 mm 0.100 in	8.51 mm 0.335 in
35F0121-0SR-10	1	49	13	0.00075	3.05 mm 0.120 in	2.54 mm 0.100 in	4.06 mm 0.160 in
35F0121-1SR-10	1	104	17	0.001	3.05 mm 0.120 in	2.54 mm 0.100 in	8.51 mm 0.335 in
HI0603P600R-10	2	100	750	0.03	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in
HI0805O121R-10	2	167	270	0.02	2.00 mm 0.079 in	1.25 mm 0.049 in	0.90 mm 0.035 in
HI0805Q310R-10	2	45	800	0.025	2.00 mm 0.079 in	1.25 mm 0.049 in	0.90 mm 0.035 in
HI0805R800R-10	2	100	200	0.01	2.00 mm 0.079 in	1.25 mm 0.049 in	0.90 mm 0.035 in
HI1206N101R-10	2	150	600	0.035	3.20 mm 0.126 in	1.60 mm 0.063 in	1.10 mm 0.043 in
HI1206N800R-10	2	130	800	0.035	3.20 mm 0.126 in	1.60 mm 0.063 in	1.10 mm 0.043 in
HI1206P121R-10	2	142	300	0.03	3.20 mm 0.126 in	1.60 mm 0.063 in	1.10 mm 0.043 in
HI1206T161R-10	2	229	251	0.018	3.20 mm 0.126 in	1.60 mm 0.063 in	1.35 mm 0.053 in
HI1206T500R-10	2	70	1000	0.01	3.20 mm 0.126 in	1.60 mm 0.063 in	1.10 mm 0.043 in
HI1806N910R-10	2	150	1000	0.03	4.50 mm 0.177 in	1.52 mm 0.060 in	1.60 mm 0.063 in
HI1806T600R-10	2	92	1000	0.01	4.50 mm 0.177 in	1.60 mm 0.063 in	1.60 mm 0.063 in
HI1812T800R-10	2	108	1000	0.01	4.50 mm 0.177 in	3.20 mm 0.126 in	1.40 mm 0.055 in
HI1812V101R-10	2	139	800	0.01	4.50 mm 0.177 in	3.20 mm 0.126 in	2.30 mm 0.091 in
HI2220P171R-10	2	256	500	0.03	5.59 mm 0.220 in	5.08 mm 0.200 in	1.52 mm 0.060 in

HI2220P251R-10	2	390	200	0.015	5.59 mm 0.220 in	5.08 mm 0.200 in	1.80 mm 0.071 in
HI2220P271R-10	2	390	300	0.035	5.59 mm 0.220 in	5.08 mm 0.200 in	3.20 mm 0.126 in
HI2220P551R-10	2	850	300	0.035	5.59 mm 0.220 in	5.09 mm 0.200 in	1.97 mm 0.078 in
HI2220P601R-10	2	600	100	0.025	5.59 mm 0.220 in	5.08 mm 0.200 in	3.30 mm 0.130 in
HI2220P701R-10	2	700	100	0.025	5.59 mm 0.220 in	5.08 mm 0.200 in	3.05 mm 0.120 in
HI2220Q401R-10	2	450	150	0.03	5.59 mm 0.220 in	5.08 mm 0.200 in	3.20 mm 0.126 in

Chip Beads - Signal Filtering

Laird Technologies provides a full range of chip beads with sizes from 0402 to 1806 and impedance values up to 2000 ohms.

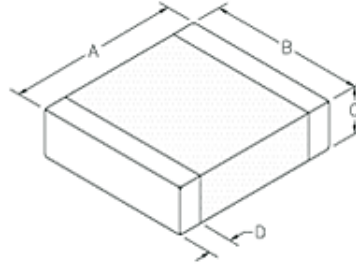
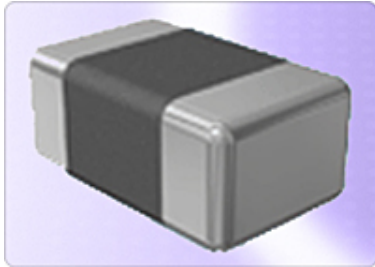


Item #	Typical Peak Impedance (OHMS)	Peak Impedance Frequency (MHZ)	MAX. DCR (OHMS)	Rated Current (Continuous)	Dimension A	Dimension B	Dimension C
HZ0402A152R-10	1474	143	2	50	1.00 mm 0.040 in	0.50 mm 0.020 in	0.50 mm 0.020 in
HZ0402A601R-10	965	241	1	100	1.01 mm 0.040 in	0.50 mm 0.020 in	0.50 mm 0.020 in
HZ0402B102R-10	1116	182	1	200	1.01 mm 0.040 in	0.50 mm 0.020 in	0.50 mm 0.020 in
HZ0603A152R-10	2306	190	0.9	100	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in
HZ0603A182R-10	2420	180	1.5	50	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in
HZ0603A222R-10	3051	122	1.5	100	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in
HZ0603A252R-10	3065	149	1.5	50	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in
HZ0603B102R-10	1000	100	0.6	200	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in
HZ0603B751R-10	863	137	0.6	200	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in
HZ0603C601R-10	775	168	0.45	300	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in
HZ0805B222R-10	2200	100	0.8	200	2.00 mm 0.079 in	1.25 mm 0.049 in	1.25 mm 0.049 in
HZ0805B272R-10	2900	88	0.8	200	2.00 mm 0.079 in	1.25 mm 0.049 in	0.90 mm 0.035 in
HZ0805C202R-10	2000	100	0.5	300	2.00 mm 0.079 in	1.25 mm 0.049 in	0.90 mm 0.035 in
HZ0805D102R-10	1268	113	0.3	400	2.00 mm 0.079 in	1.25 mm 0.049 in	0.90 mm 0.035 in
HZ0805D152R-10	1525	110	0.4	400	2.00 mm 0.079 in	1.25 mm 0.049 in	0.90 mm 0.035 in
HZ0805E601R-10	696	155	0.3	500	2.00 mm 0.079 in	1.25 mm 0.049 in	0.90 mm 0.035 in
HZ0805G471R-10	572	149	0.2	700	2.00 mm 0.079 in	1.25 mm 0.049 in	0.85 mm 0.033 in
HZ1206C202R-10	2505	41	0.5	300	3.20 mm 0.126 in	1.60 mm 0.063 in	1.10 mm 0.043 in
HZ1206D102R-10	1000	100	0.4	400	3.20 mm 0.126 in	1.60 mm 0.063 in	1.10 mm 0.043 in

HZ1206E601R-10	674	75	0.3	500	3.20 mm 0.126 in	1.60 mm 0.063 in	1.10 mm 0.043 in
HZ1806K102R-10	1390	135	0.15	1500	4.50 mm 0.177 in	1.60 mm 0.063 in	1.60 mm 0.063 in
LI0201B121R-10	275	800	0.8	200	0.60 mm 0.024 in	0.30 mm 0.012 in	0.30 mm 0.012 in
LI0201B241R-10	619	390	1	200	0.60 mm 0.024 in	0.30 mm 0.012 in	0.30 mm 0.012 in
LI0201B800R-10	225	978	0.8	200	0.60 mm 0.024 in	0.30 mm 0.012 in	0.30 mm 0.012 in
LI0201C121R-10	190	630	0.7	300	0.60 mm 0.024 in	0.30 mm 0.012 in	0.30 mm 0.012 in

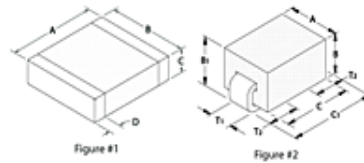
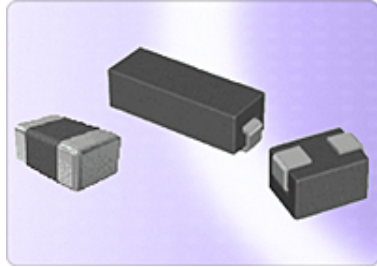
Chip Beads - High Frequency

Laird Technologies' broadband frequency response family provides significant levels of impedance from 100 MHz to beyond 1GHz. Available in EIA sizes from 0603 to 2220 with a rated maximum operating current of 4 amps. Effective filtering of power lines and devices using high-speed clocks, and data bus filtration. New material development also allows part performance up to 12 GHz for fiber optic applications.



Item #	Part Size Code	Typical Z Ohms at 25 MHz	Nominal Z Ohms at 100 MHz	Typical Z Ohms at 500 MHz	Typical Z Ohms at 1 GHz	Typical Peak Impedance (OHMS)	Peak Impedance Frequency (MHZ)	MAX. DCR (OHMS)	Rated Current (Continuous)	Dimension A	Dimension B	Dimension C	Dimension D
LI0603E470R-10	0603	17	47	83	91	91	1000	0.1	500	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in	0.36 mm 0.014 in
HI1612X560R-10	1612	23	56	75	79	79	1000	0.004	10000	4.06 mm 0.160 in	3.05 mm 0.120 in	2.28 mm 0.090 in	0.46 mm 0.018 in
HZ0603C651R-10	0603	296	650	954	652	960	400	0.6	300	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in	0.36 mm 0.014 in
LI0402B800R-10	0402	32	80	220	224	243	769	0.8	200	1.01 mm 0.040 in	0.50 mm 0.020 in	0.50 mm 0.020 in	0.30 mm 0.012 in
HI3312X101R-10	3312	39	100	160	172	172	1000	0.004	10000	8.50 mm 0.335 in	3.05 mm 0.120 in	2.28 mm 0.090 in	0.51 mm 0.020 in
HZ0603B112R-10	0603	515	1100	1300	850	1539	288	0.8	200	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in	0.36 mm 0.014 in
LI0603B201R-10	0603	70	200	340	210	362	420	0.4	200	1.60 mm 0.063 in	0.80 mm 0.031 in	0.80 mm 0.031 in	0.36 mm 0.014 in
LI0402C221R-10	0402	72	220	443	243	453	440	0.35	300	1.01 mm 0.040 in	0.50 mm 0.020 in	0.50 mm 0.020 in	0.30 mm 0.012 in
HZ1206E152R-10	1206	823	950	188	57	1564	57	0.3	500	3.20 mm 0.126 in	1.60 mm 0.063 in	1.10 mm 0.043 in	0.51 mm 0.020 in

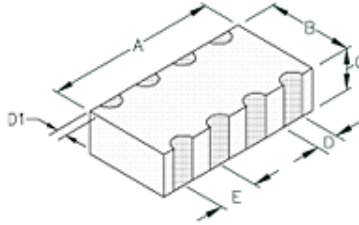
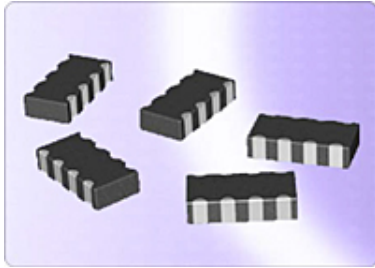
Chip Beads - Low Frequency



Item #	Figure Number	Typical Peak Impedance (OHMS)	Peak Impedance Frequency (MHZ)	MAX. DCR (OHMS)	Rated Current (Continuous)	Dimension A	Dimension B
35F0121-0SR-10	2	49	13	0.00075	10000	3.05 mm 0.120 in	2.54 mm 0.100 in
35F0121-1SR-10	2	104	17	0.001	10000	3.05 mm 0.120 in	2.54 mm 0.100 in
LF0805A252R-10	1	5138	25	1.25	100	2.00 mm 0.079 in	1.25 mm 0.049 in
LF1206A302R-10	1	5650	19	1.05	100	3.20 mm 0.126 in	1.60 mm 0.063 in
LF1206C202R-10	1	2505	41	0.5	300	3.20 mm 0.126 in	1.60 mm 0.063 in
LF1206E152R-10	1	1546	57	0.3	500	3.20 mm 0.126 in	1.60 mm 0.063 in

Chip Arrays - Signal Filtering

Laird Technologies' multi-line array surface mount ferrite chips, provide compact, cost effective EMI filtering for densely packed PCB designs. Four line arrays require approximately the same board space as only three discrete parts. Our proprietary SMT construction yields rugged components, with a broad range of performance characteristics.



Item #	Typical Peak Impedance (OHMS)	Peak Impedance Frequency (MHZ)	MAX. DCR (OHMS)	Rated Current (Continuous)	Dimension A	Dimension B	Dimension C
DA1206B102R-10	1129	175	0.8	200	3.20 mm 0.126 in	1.60 mm 0.063 in	0.90 mm 0.031 in
DA1206B601R-10	761	214	0.35	200	3.20 mm 0.126 in	1.60 mm 0.063 in	0.80 mm 0.031 in
DA1206C121R-10	211	559	0.2	300	3.20 mm 0.126 in	1.60 mm 0.063 in	0.80 mm 0.031 in
DA1206D301R-10	437	500	0.4	400	3.20 mm 0.126 in	1.60 mm 0.063 in	0.80 mm 0.031 in
DA1206D600R-10	133	1103	0.2	400	3.20 mm 0.126 in	1.60 mm 0.063 in	0.80 mm 0.031 in
DA1206E300R-10	56	1000	0.3	500	3.20 mm 0.126 in	1.60 mm 0.063 in	0.80 mm 0.031 in