

LAIRD TECHNOLOGIES EMI Chip Beads

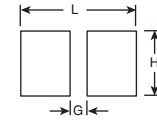
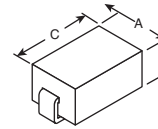


RoHS Compliant This product is RoHS compliant.

SMD FERRITE BEAD ASSEMBLIES

- Specifications:**
- 10 Amp continuous operating current capability
 - Low DCR
 - Rugged construction

- Applications:**
- EMI filtering
 - Board fixture applications



For quantities greater than listed, call for quote.

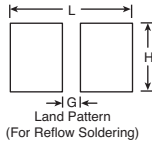
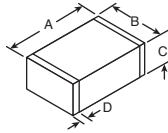
MOUSER STOCK NO.	Steward Part No.	Case Size	Impedance @ 100MHz (Ω)	Rated Current (A)	Price Each				Reel Price
					1	50	100	2500	
875-28F0121-0SR-10	28F0121-0SR-10	1612	48	10	.28	.241	.231	.136	
875-28F0121-1SR-10	28F0121-1SR-10	3312	96	10	.35	.304	.283	.168	

Steward Part No.	Dimensions: mm					
	A	B	C	L	G	H
28F0121-0SR-10	3.05	2.54	4.06	7.29	1.02	3.45
28F0121-1SR-10	3.05	2.54	8.51	10.74	4.14	4.60

Land Pattern (For Reflow Soldering)

SMD FERRITE EMI CHIP BEADS

- Specifications:**
- Excellent retention under bias
 - Rugged monolithic construction
 - Superior impedance vs frequency characteristics
 - Economical



- Applications:**
- Filtering of power input pins and devices using high speed clocks
 - High frequency filtering of medium speed clocks and video signals
 - Data bus filtration; high frequency amplifier oscillation killers

Series Codes:

- LI - Low Current Chips (1 amp & <400 ohms)
- MI - Mid Current Chips (1-2.5 amps)
- HZ - High Impedance Chip (<1 amp & >400 ohms)
- HI - High Current Chip (>3 amps)
- LF - Low Frequency Chips

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Size	Impedance @ 100MHz (Ω)	DCR (Ω)	Imax (A)	Price Each			Reel Qty.	Price Each
					1	50	100		
High Current Chip Beads									
875-HI0603P600R-10	0603	60	0.04	3	.15	.102	.089	4000	.056
875-HI0805Q310R-10	0805	31	0.025	4.5	.15	.103	.089	4000	.056
875-HI0805R800R-10	0805	80	0.016	5	.15	.102	.089	4000	.056
875-HI0805O121R-10	0805	120	0.02	3.5	.15	.103	.089	4000	.056
875-HI1206T500R-10	1206	50	0.01	6	.18	.143	.13	3000	.084
875-HI1206N800R-10	1206	80	0.035	3	.18	.142	.129	3000	.084
875-HI1206N101R-10	1206	100	0.035	3	.18	.143	.129	3000	.084
875-HI1206P121R-10	1206	120	0.03	4	.17	.124	.106	3000	.066
875-HI1206T161R-10	1206	160	0.018	6	.17	.13	.118	3000	.077
875-HI1612X560R-10	1612	56	0.004	10	1.04	.798	.69	2500	.425
875-HI1806T600R-10	1806	60	0.01	6	.37	.286	.242	2000	.154
875-HI1806N910R-10	1806	91	0.03	3	.14	.098	.087	2000	.068
875-HI1812T800R-10	1812	80	0.01	6	.38	.297	.253	2500	.165
875-HI1812V101R-10	1812	100	0.01	8	.38	.296	.252	2500	.38
875-HI2220T101R-10	2220	100	0.006	6	1.26	.978	.893	2000	.567
875-HI2220R181R-10	2220	180	0.02	5	1.26	.978	.893	2000	.567
875-HI2220P251R-10	2220	250	0.015	4	1.26	.978	.893	2000	.567
875-HI2220R301R-10	2220	300	0.02	5	1.26	.978	.893	2000	.567
875-HI2220Q401R-10	2220	400	0.025	4.5	.99	.822	.709	2000	.482
875-HI2220P551R-10	2220	550	0.035	4	1.58	1.23	1.06	2000	.652
875-HI2220P601R-10	2220	600	0.025	4	1.58	1.23	1.06	2000	.652
875-HI2220P701R-10	2220	700	0.025	4	1.58	1.23	1.06	2000	.652
875-HI3312X101R-10	3312	100	0.004	10	1.87	1.43	1.24	2500	.85
Low Current Chip Beads									
875-LI0201B241R-10	0201	240	1	0.2	.07	.062	.057	15000	.034
875-LI0402E190R-10	0402	19	0.1	0.5	.07	.05	.035	10000	.022
875-LI0402E300R-10	0402	30	0.3	0.5	.09	.08	.07	10000	.045
875-LI0402C470R-10	0402	47	0.15	0.3	.04	.033	.031	10000	.02
875-LI0402E600R-10	0402	60	0.3	0.5	.14	.08	.065	10000	.04
875-LI0402B800R-10	0402	80	0.8	0.2	.07	.032	.029	10000	.02
875-LI0402D121R-10	0402	120	0.4	0.4	.14	.075	.065	10000	.04
875-LI0402C221R-10	0402	220	0.35	0.3	.07	.032	.029	10000	.02
875-LI0402B301R-10	0402	300	0.8	0.2	.14	.075	.065	10000	.04
875-LI0603E470R-10	0603	47	0.1	0.5	.09	.069	.06	4000	.038
875-LI0603G800R-10	0603	80	0.2	0.7	.09	.069	.06	4000	.038
875-LI0603G121R-10	0603	120	0.2	0.7	.09	.069	.059	4000	.038
875-LI0603E151R-10	0603	150	0.25	0.5	.07	.05	.03	4000	.02
875-LI0603B201R-10	0603	200	0.4	0.2	.09	.085	.073	4000	.05
875-LI0603G221R-10	0603	220	0.3	0.7	.09	.069	.06	4000	.038
875-LI0603D301R-10	0603	300	0.35	0.4	.09	.069	.06	4000	.038
875-LI0805H750R-10	0805	75	0.15	0.8	.14	.078	.068	4000	.042
875-LI0805H121R-10	0805	120	0.15	0.8	.14	.078	.068	4000	.042
875-LI0805H151R-10	0805	150	0.15	0.8	.14	.078	.068	4000	.042
875-LI0805G201R-10	0805	200	0.3	0.7	.09	.069	.059	4000	.038
875-LI0805G301R-10	0805	300	0.2	0.7	.14	.084	.068	4000	.042
875-LI1206H121R-10	1206	120	0.15	0.8	.16	.093	.079	3000	.052
875-LI1206H151R-10	1206	150	0.15	0.8	.08	.049	.043	3000	.033
875-LI1806E800R-10	1806	80	0.3	0.5	.33	.253	.22	3000	.132
875-LI1806E101R-10	1806	100	0.3	0.5	.32	.252	.219	3000	.131
875-LI1806C151R-10	1806	150	0.5	0.3	.33	.253	.22	3000	.132
875-LI1812D121R-10	1812	120	0.4	0.4	.23	.153	.142	2500	.109

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Case Size	Impedance @ 100MHz (Ω)	DCR (Ω)	Imax (A)	Price Each			Reel Qty.	Price Each
					1	50	100		
Mid Current Chip Beads									
875-MI0603K300R-10	0603	30	0.09	1.5	.09	.069	.06	4000	.039
875-MI0603J600R-10	0603	60	0.1	1	.14	.079	.068	4000	.042
875-MI0603J680R-10	0603	68	0.1	1	.09	.068	.062	4000	.041
875-MI0603M121R-10	0603	120	0.05	2.5	.16	.102	.089	4000	.057
875-MI0603L221R-10	0603	220	0.065	2	.16	.099	.085	4000	.052
875-MI0603L301R-10	0603	300	0.1	2	.16	.102	.089	4000	.057
875-MI0603J601R-10	0603	600	0.2	1	.16	.103	.089	4000	.057
875-MI0805K110R-10	0805	11	0.06	1.5	.15	.092	.079	4000	.05
875-MI0805K400R-10	0805	40	0.05	1.5	.15	.088	.076	4000	.048
875-MI0805M221R-10	0805	220	0.05	2.5	.18	.115	.10	4000	.062
875-MI0805L301R-10	0805	300	0.1	2	.17	.105	.093	4000	.06
875-MI0805K601R-10	0805	600	0.1	1.5	.17	.115	.093	4000	.06
875-MI0805J102R-10	0805	1000	0.15	1	.16	.099	.086	4000	.052
875-MI1206K260R-10	1206	26	0.06	1.5	.18	.11	.097	3000	.063
875-MI1206K310R-10	1206	31	0.045	1.5	.20	.124	.106	3000	.066
875-MI1206K601R-10	1206	60	0.1	2	.22	.154	.132	3000	.085
875-MI1206K900R-10	1206	90	0.08	1.5	.20	.124	.106	3000	.066
875-MI1206L391R-10	1206	390	0.05	2	.07	.039	.035	3000	.023
875-MI1206L501R-10	1206	500	0.06	2	.20	.124	.106	3000	.066
875-MI1210K600R-10	1210	60	0.035	1.5	.27	.198	.176	3000	.11
875-MI1806J800R-10	1806	78	0.03	1	.15	.10	.091	2000	.073
875-MI1812K121R-10	1812	120	0.055	1.5	.39	.289	.249	2500	.153
Low Frequency Chip Beads									
875-LF0805A252R-10	0805	1267	1.25	0.1	.12	.098	.089	2000	.057
875-LF1206A302R-10	1206	915	1.05	0.1	.09	.051	.047	3000	.038
875-LF1206C202R-10	1206	915	0.5	0.3	.09	.045	.04	3000	.033
875-LF1206E152R-10	1206	950	0.3	0.5	.09	.039	.036	3000	.028
High Impedance Chip Beads									
875-HZ0402A601R-10	0402	600	1	0.1	.15	.098	.085	10000	.055
875-HZ0402B102R-10	0402	1000	1	0.2	.07	.036	.032	10000	.022
875-HZ0402A152R-10	0402	1500	2	0.05	.07	.041	.037	10000	.03
875-HZ0603C601R-10	0603	600	0.45	0.3	.13	.078	.067	4000	.041
875-HZ0603C651R-10	0603	650	0.6	0.3	.13	.073	.062	4000	.038
875-HZ0603B751R-10	0603	750	0.6	0.2	.13	.073	.063	4000	.038
875-HZ0603B102R-10	0603	1000	0.8	0.2	.13	.078	.067	4000	.041
875-HZ0603B112R-10	0603	1100	0.8	0.2	.13	.078	.066	4000	.041
875-HZ0603A152R-10	0603	1500	0.9	0.1	.09	.032	.029	4000	.024
875-HZ0603A182R-10	0603	1800	1.5	0.05	.09	.032	.029	4000	.024
875-HZ0603A222R-10	0603	2200	1.5	0.1	.13	.078	.066	4000	.041
875-HZ0603A252R-10	0603	2500	1.5	0.05	.09	.032	.029	4000	.024
875-HZ0805G471R-10	0805	470	0.35						