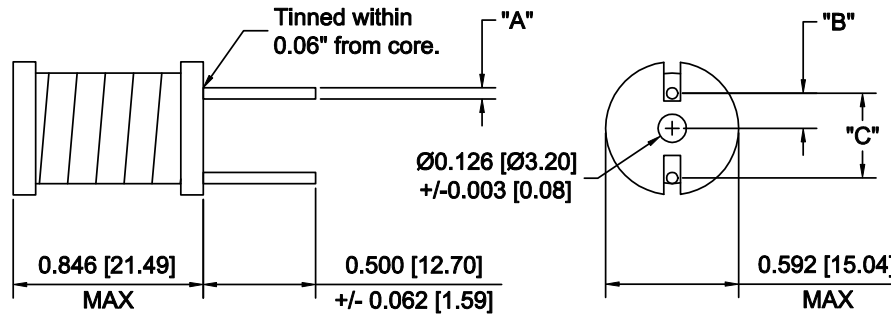


Drum Core Power Inductors

- Broad range of inductance values; 0.8-1000µH.
- From low to high currents; 0.1 – 30 Amps.
- Small PCB space, in 5 standard sizes.
- Very stable inductance over current range.
- Class B (130°C) insulation system.
- Other sizes and values are available.

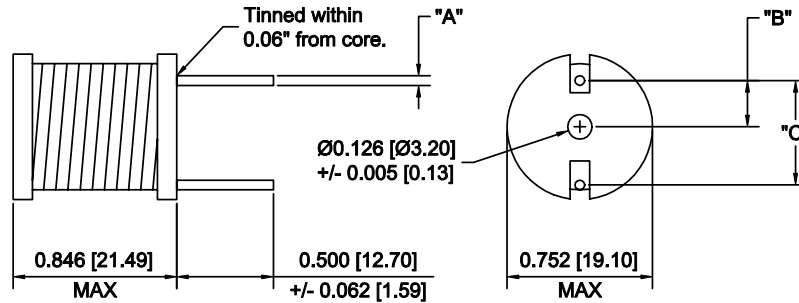


Size 1													
MODEL NUMBER	INDUCTANCE AT RATED CURRENT (µH) +/-10%	RATED CURRENT (A)	MAXIMUM DCR @ 25°C (Ohm)	LEAD WIRE "A" (AWG)	DIMENSION		MODEL NUMBER	INDUCTANCE AT RATED CURRENT (µH) +/-10%	RATED CURRENT (A)	MAXIMUM DCR @ 25°C (Ohm)	LEAD WIRE "A" (AWG)	DIMENSION	
					"B" (IN)	"C" (IN)						"B" (IN)	"C" (IN)
423-0107	120.0	0.5	0.200	25	.187	.394	423-0182	9.5	5.0	0.0130	18	.198	.439
423-0108	185.0	0.5	0.240	25	.187	.434	423-0183	12.5	5.0	0.0150	18	.198	.439
423-0109	200.0	0.5	0.250	25	.187	.434	423-0184	16.0	5.0	0.0170	18	.198	.439
423-0110	240.0	0.5	0.270	25	.187	.434	423-0185	20.0	5.0	0.0190	18	.198	.439
423-0111	300.0	0.5	0.290	25	.187	.434	423-0194	1.6	7.5	0.0060	18	.198	.439
423-0112	400.0	0.5	0.340	25	.187	.434	423-0195	3.0	7.5	0.0080	18	.198	.439
423-0113	500.0	0.5	0.380	25	.187	.474	423-0196	5.7	7.5	0.0100	18	.198	.439
423-0114	600.0	0.5	0.450	25	.187	.474	423-0197	8.2	7.5	0.0130	18	.198	.439
423-0115	680.0	0.5	0.550	25	.187	.474	423-0198	11.0	7.5	0.0150	18	.198	.439
423-0154	5.4	2.0	0.120	20	.194	.423	423-0199	14.0	7.5	0.0170	18	.198	.439
423-0155	6.8	2.0	0.140	20	.194	.423	423-0200	20.0	7.5	0.0190	18	.198	.439
423-0156	10.9	2.0	0.180	20	.194	.423	423-0205	1.0	10.0	0.0040	17	.201	.450
423-0157	12.4	2.0	0.020	20	.194	.423	423-0206	1.6	10.0	0.0043	17	.201	.450
423-0158	15.9	2.0	0.022	20	.194	.423	423-0207	2.2	10.0	0.0054	17	.201	.450
423-0159	21.8	2.0	0.025	20	.194	.423	423-0208	2.9	10.0	0.0058	17	.201	.450
423-0160	26.3	2.0	0.027	22	.194	.423	423-0209	3.8	10.0	0.0066	17	.201	.450
423-0161	31.2	2.0	0.032	20	.194	.493	423-0210	4.7	10.0	0.0074	17	.201	.450
423-0162	36.0	2.0	0.034	20	.194	.493	423-0211	5.7	10.0	0.0082	17	.201	.450
423-0163	51.0	2.0	0.040	20	.194	.493	423-0212	6.9	10.0	0.0092	17	.201	.450
423-0164	77.0	2.0	0.061	21	.192	.474	423-0213	8.1	10.0	0.0096	17	.201	.450
423-0169	10.9	3.0	0.012	18	.198	.439	423-0214	11.0	10.0	0.0113	17	.201	.450
423-0170	15.9	3.0	0.014	18	.198	.439	423-0215	14.2	10.0	0.0128	17	.201	.450
423-0171	19.7	3.0	0.016	18	.198	.439	423-0227	1.0	15.0	0.0032	16	.204	.461
423-0172	25.0	3.0	0.028	20	.195	.425	423-0228	1.6	15.0	0.0037	16	.204	.461
423-0173	34.0	3.0	0.034	20	.195	.495	423-0229	2.2	15.0	0.0042	16	.204	.461
423-0174	51.0	3.0	0.042	20	.195	.495	423-0230	2.9	15.0	0.0047	16	.204	.461
423-0175	66.0	3.0	0.047	20	.195	.495	423-0246	1.0	20.0	0.0026	15	.207	.474
423-0180	4.7	5.0	0.009	18	.198	.439	423-0247	1.6	20.0	0.0030	15	.207	.474
423-0181	6.9	5.0	0.011	18	.198	.439	423-0248	2.2	20.0	0.0034	15	.207	.474

- Measured criteria: 1V / 15 KHz.

Drum Core Power Inductors

- Broad range of inductance values; 0.8-1000μH.
- From low to high currents; 0.1 – 30 Amps.
- Small PCB space, in 5 standard sizes.
- Very stable inductance over current range.
- Class B (130°C) insulation system.
- Other sizes and values are available.

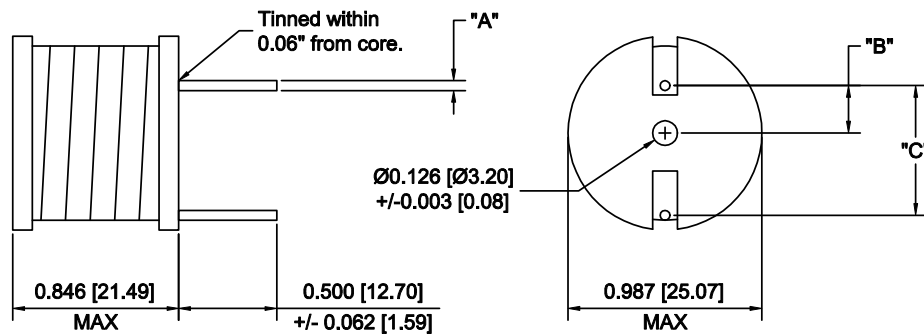


Size 2							Size 2						
MODEL NUMBER	INDUCTANCE AT RATED CURRENT (μH) +/-10%	RATED CURRENT (A)	MAXIMUM DCR @ 25°C (Ohm)	LEAD WIRE "A" (AWG)	DIMENSION		MODEL NUMBER	INDUCTANCE AT RATED CURRENT (μH) +/-10%	RATED CURRENT (A)	MAXIMUM DCR @ 25 C Ohms	LEAD WIRE "A"	DIMENSION	
					"B" (IN)	"C" (IN)						"B" (IN)	"C" (IN)
423-0116	1000.0	0.50	0.650	25	.226	.553	423-0166	125.0	2.0	0.0840	21	.231	.555
423-0117	39.0	0.75	0.100	23	.228	.483	423-0167	168.0	2.0	0.0980	21	.231	.555
423-0118	62.0	0.75	0.120	23	.228	.483	423-0168	250.0	2.0	0.1470	22	.231	.555
423-0119	80.0	0.75	0.140	23	.228	.483	423-0176	82.0	3.0	0.0640	21	.231	.552
423-0120	100.0	0.75	0.160	23	.228	.533	423-0177	108.0	3.0	0.0720	21	.231	.552
423-0121	133.0	0.75	0.180	23	.228	.533	423-0178	131.0	3.0	0.0840	21	.231	.552
423-0122	150.0	0.75	0.190	23	.228	.533	423-0179	168.0	3.0	0.0950	21	.231	.552
423-0123	180.0	0.75	0.210	23	.228	.533	423-0186	25.0	5.0	0.0220	18	.243	.529
423-0124	200.0	0.75	0.220	23	.228	.533	423-0187	30.0	5.0	0.0240	18	.243	.615
423-0125	220.0	0.75	0.230	23	.228	.533	423-0188	40.0	5.0	0.0290	18	.243	.615
423-0126	270.0	0.75	0.250	23	.228	.533	423-0189	50.0	5.0	0.0320	18	.243	.615
423-0127	330.0	0.75	0.270	23	.228	.533	423-0190	58.0	5.0	0.0350	18	.243	.615
423-0128	450.0	0.75	0.320	23	.228	.533	423-0201	25.0	7.5	0.0220	18	.243	.529
423-0129	660.0	0.75	0.380	23	.228	.533	423-0202	33.0	7.5	0.0260	18	.243	.615
423-0130	39.0	1.00	0.060	22	.230	.489	423-0203	47.0	7.5	0.0300	18	.243	.615
423-0131	47.0	1.00	0.080	22	.230	.489	423-0216	15.8	10.0	0.0140	17	.245	.538
423-0132	56.0	1.00	0.090	22	.230	.489	423-0217	18.0	10.0	0.0150	17	.245	.538
423-0133	68.0	1.00	0.100	22	.230	.489	423-0231	3.7	15.0	0.0054	16	.248	.549
423-0134	82.0	1.00	0.110	22	.230	.545	423-0232	4.8	15.0	0.0061	16	.248	.549
423-0135	100.0	1.00	0.120	22	.230	.545	423-0233	6.0	15.0	0.0067	16	.248	.549
423-0136	120.0	1.00	0.130	22	.230	.545	423-0234	8.7	15.0	0.0079	16	.248	.549
423-0137	150.0	1.00	0.150	22	.230	.545	423-0235	12.0	15.0	0.0092	16	.248	.549
423-0138	200.0	1.00	0.170	22	.230	.545	423-0249	2.8	20.0	0.0031	14	.255	.577
423-0139	250.0	1.00	0.190	22	.230	.545	423-0250	3.7	20.0	0.0035	14	.255	.577
423-0140	330.0	1.00	0.210	22	.230	.589	423-0251	4.8	20.0	0.0040	14	.255	.577
423-0142	180.0	1.50	0.026	20	.234	.503	423-0252	6.0	20.0	0.0045	14	.255	.577
423-0143	22.0	1.50	0.030	20	.234	.503	423-0265	0.8	25.0	0.0020	14	.255	.577
423-0144	27.0	1.50	0.032	20	.234	.503	423-0266	1.3	25.0	0.0022	14	.255	.577
423-0145	33.0	1.50	0.035	20	.234	.503	423-0267	2.0	25.0	0.0026	14	.255	.577
423-0146	40.0	1.50	0.038	20	.234	.503	423-0268	2.8	25.0	0.0028	14	.255	.577
423-0147	50.0	1.50	0.045	20	.234	.573	423-0269	3.7	25.0	0.0032	14	.255	.577
423-0148	66.0	1.50	0.050	20	.234	.573	423-0279	0.8	30.0	0.0013	13	.259	.593
423-0149	100.0	1.50	0.060	20	.234	.573	423-0280	1.3	30.0	0.0016	13	.259	.593
423-0165	103.0	2.00	0.073	21	.231	.555	423-0281	2.0	30.0	0.0019	13	.259	.593

- Measured criteria: 1V / 15 KHz.

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- From low to high currents; 0.1 – 30 Amps.
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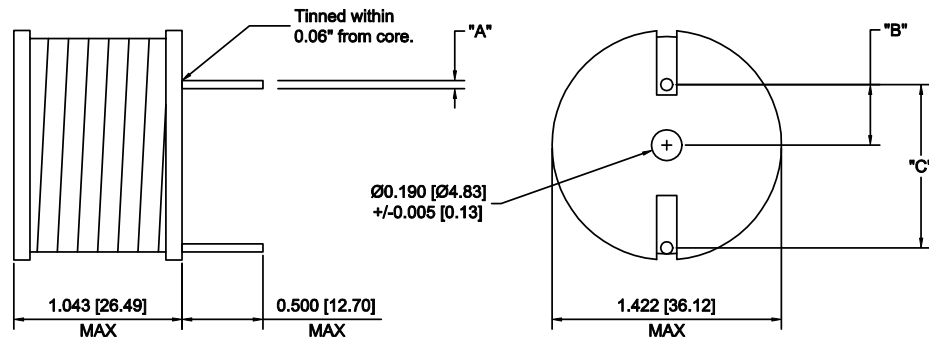


Size 3													
MODEL NUMBER	INDUCTANCE AT RATED CURRENT (µH) +/-10%	RATED CURRENT (A)	MAXIMUM DCR @ 25°C (Ohm)	LEAD WIRE "A" (AWG)	DIMENSION		MODEL NUMBER	INDUCTANCE AT RATED CURRENT (µH) +/-10%	RATED CURRENT (A)	MAXIMUM DCR @ 25°C (Ohm)	LEAD WIRE "A" (AWG)	DIMENSION	
					"B" (IN)	"C" (IN)						"B" (IN)	"C" (IN)
423-0141	500.0	1.0	0.280	22	.270	.680	423-0236	16.0	15.0	0.0100	15	.284	.632
423-0150	130.0	1.5	0.800	20	.273	.652	423-0237	18.5	15.0	0.0106	15	.284	.748
423-0151	160.0	1.5	0.900	20	.273	.652	423-0238	21.0	15.0	0.0113	15	.284	.748
423-0152	220.0	1.5	0.100	20	.273	.722	423-0253	8.0	20.0	0.0057	14	.290	.647
423-0153	330.0	1.5	0.130	20	.273	.722	423-0254	9.7	20.0	0.0062	14	.290	.647
423-0191	76.0	5.0	0.044	18	.278	.685	423-0270	5.0	25.0	0.0034	13	.294	.663
423-0192	87.0	5.0	0.047	18	.278	.685	423-0271	6.4	25.0	0.0038	13	.294	.663
423-0193	100.0	5.0	0.050	18	.278	.685	423-0272	8.0	25.0	0.0045	13	.294	.663
423-0204	66.0	7.5	0.040	18	.278	.685	423-0282	2.7	30.0	0.0020	12	.298	.680
423-0218	21.0	10.0	0.014	16	.284	.619	423-0283	3.7	30.0	0.0024	12	.298	.680
423-0219	27.0	10.0	0.160	16	.284	.727	423-0284	5.0	30.0	0.0027	12	.298	.680
423-0220	33.0	10.0	0.018	16	.284	.727	423-0285	6.4	30.0	0.0030	12	.298	.680
423-0221	40.0	10.0	0.020	16	.284	.727	423-0286	8.0	30.0	0.0034	12	.298	.680
423-0222	49.0	10.0	0.022	16	.284	.727							

- Measured criteria: 1V / 15 KHz.

Drum Core Power Inductors

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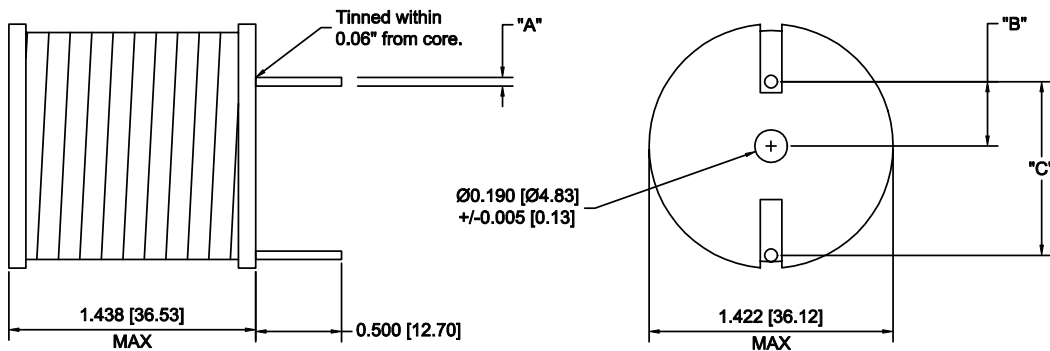


Size 4													
MODEL NUMBER	INDUCTANCE AT RATED CURRENT (μ H) $\pm 10\%$	RATED CURRENT (A)	MAXIMUM DCR @ 25°C (Ohm)	LEAD WIRE "A" (AWG)	DIMENSION		MODEL NUMBER	INDUCTANCE AT RATED CURRENT (μ H) $\pm 10\%$	RATED CURRENT (A)	MAXIMUM DCR @ 25°C (Ohm)	LEAD WIRE "A" (AWG)	DIMENSION	
					"B" (IN)	"C" (IN)						"B" (IN)	"C" (IN)
423-0223	57.0	10.0	0.0240	15	0.442	0.944	423-0273	11.2	25.0	0.0050	12	0.454	1.002
423-0224	68.0	10.0	0.0260	15	0.442	1.064	423-0274	16.4	25.0	0.0060	12	0.454	1.002
423-0225	81.0	10.0	0.0280	15	0.442	1.064	423-0275	22.6	25.0	0.0070	12	0.454	1.002
423-0226	100.0	10.0	0.0300	15	0.442	1.064	423-0287	11.2	30.0	0.0040	11	0.459	1.011
423-0239	26.0	15.0	0.0120	14	0.445	0.957	423-0288	16.4	30.0	0.0048	11	0.459	1.011
423-0240	34.0	15.0	0.0137	14	0.445	0.957	423-0289	22.6	30.0	0.0056	11	0.459	1.200
423-0241	42.0	15.0	0.0153	14	0.445	1.073							
423-0242	42.0	15.0	0.0170	14	0.445	1.073							
423-0243	68.0	15.0	0.0200	14	0.445	1.073							
423-0255	11.2	20.0	0.0061	13	0.450	0.975							
423-0256	16.4	20.0	0.0073	13	0.450	0.975							
423-0257	22.5	20.0	0.0085	13	0.450	0.975							
423-0258	26.0	20.0	0.0091	13	0.450	0.975							
423-0259	34.0	20.0	0.0103	13	0.450	1.125							
423-0260	38.0	20.0	0.0110	13	0.450	1.125							
423-0261	47.0	20.0	0.0120	13	0.450	1.125							

- Measured criteria: 1V / 15 KHz.

Drum Core Power Inductors

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- From low to high currents; 0.1 – 30 Amps.
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Size 5													
MODEL NUMBER	INDUCTANCE AT RATED CURRENT (μH) +/-10%	RATED CURRENT (A)	MAXIMUM DCR @ 25°C (Ohm)	LEAD WIRE "A" (AWG)	DIMENSION		MODEL NUMBER	INDUCTANCE AT RATED CURRENT (μH) +/-10%	RATED CURRENT (A)	MAXIMUM DCR @ 25°C (Ohm)	LEAD WIRE "A" (AWG)	DIMENSION	
					"B" (IN)	"C" (IN)						"B" (IN)	"C" (IN)
423-0244	83.0	15.0	0.0180	13	.450	1.200	423-0276	26.4	25.0	0.0064	11	0.459	1.011
423-0245	100.0	15.0	0.0200	13	.450	1.200	423-0277	33.7	25.0	0.0072	11	0.459	1.011
423-0262	56.0	20.0	0.0120	12	.454	0.992	423-0278	46.2	25.0	0.0084	11	0.459	1.200
423-0263	66.0	20.0	0.0130	12	.454	1.160	423-0290	30.0	30.0	0.0068	11	0.459	1.011
423-0264	77.0	20.0	0.0140	12	.454	1.160	423-0291	37.6	30.0	0.0076	11	0.459	1.011

- Measured criteria: 1V / 15 KHz.