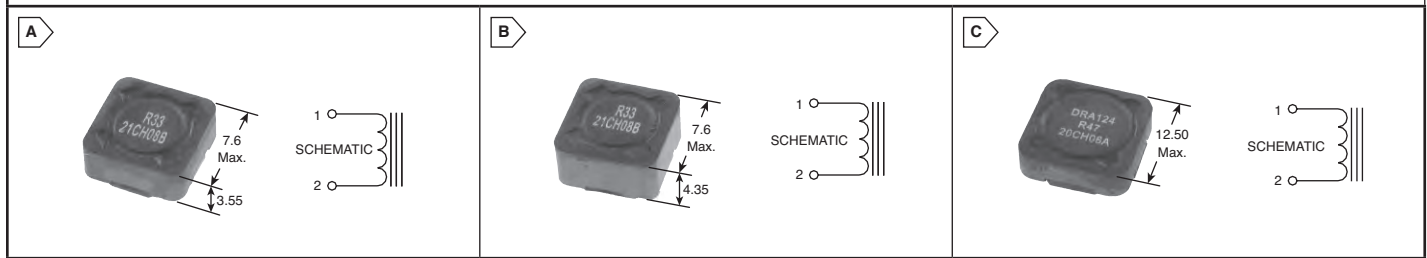


# COILTRONICS® Automotive Power Inductors



RoHS compliant This product is RoHS compliant.

DIMENSIONS: mm



## DRA SERIES

### Features:

- 165°C maximum total temperature operation
- Five sizes of Automotive grade shielded drum core inductors
- Inductance range from 0.28uH to 1000uH
- Current range up to 56 Amps
- Mechanical secure mounting for high shock and vibration environments
- Good thermal dispersion with thermal conductive epoxy
- Customized dual winding versions available upon request for SEPIC or Flyback configurations

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Coiltronics Part No.	Fig.	Rated Inductance (μH)	Open Circuit Inductance (μH)	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	DCR (Ω)	Price Each				Reel Qty.	Price Each
								1	50	100	500		
<b>DRA73 Series</b>													
704-DRA73-R33-R	DRA73-R33-R	A	0.33	0.29	8.42	14.8	0.004	1.17	.93	.856	.782	1350	.758
704-DRA73-1R0-R	DRA73-1R0-R	A	1.0	0.91	6.5	8.22	0.0067	1.17	.93	.856	.782	1350	.758
704-DRA73-1R5-R	DRA73-1R5-R	A	1.5	1.36	5.39	6.73	0.0097	1.17	.93	.856	.782	1350	.758
704-DRA73-2R2-R	DRA73-2R2-R	A	2.2	2.52	4.18	4.93	0.016	1.17	.93	.856	.782	1350	.758
704-DRA73-3R3-R	DRA73-3R3-R	A	3.3	3.18	3.59	4.35	0.022	1.17	.935	.856	.778	1350	.758
704-DRA73-4R7-R	DRA73-4R7-R	A	4.7	4.86	2.92	3.52	0.033	1.18	.943	.861	.779	1350	.722
704-DRA73-6R8-R	DRA73-6R8-R	A	6.8	6.63	2.62	2.96	0.041	1.17	.93	.856	.782	1350	.758
704-DRA73-8R2-R	DRA73-8R2-R	A	8.2	8.06	2.3	2.74	0.053	1.18	.943	.861	.779	1350	.722
704-DRA73-100-R	DRA73-100-R	A	10	10.27	2.11	2.39	0.064	1.17	.94	.86	.78	1350	.76
704-DRA73-150-R	DRA73-150-R	A	15	14.98	1.74	2.0	0.094	1.17	.935	.856	.778	1350	.758
704-DRA73-220-R	DRA73-220-R	A	22	22.39	1.42	1.64	0.141	1.18	.943	.861	.779	1350	.722
704-DRA73-330-R	DRA73-330-R	A	33	31.84	1.25	1.35	0.183	1.18	.943	.861	.779	1350	.722
704-DRA73-470-R	DRA73-470-R	A	47	47.83	1.02	1.1	0.275	1.11	.884	.81	.736	1350	.717
704-DRA73-680-R	DRA73-680-R	A	68	66.89	0.845	0.937	0.397	1.17	.935	.856	.778	1350	.758
704-DRA73-820-R	DRA73-820-R	A	82	83.77	0.731	0.851	0.53	1.17	.93	.856	.782	1350	.758
704-DRA73-101-R	DRA73-101-R	A	100	101.7	0.682	0.763	0.609	1.18	.943	.861	.779	1350	.722
704-DRA73-151-R	DRA73-151-R	A	150	151.1	0.551	0.632	0.932	1.17	.93	.856	.782	1350	.758
704-DRA73-221-R	DRA73-221-R	A	220	218.8	0.479	0.51	1.23	1.17	.935	.856	.778	1350	.758
704-DRA73-331-R	DRA73-331-R	A	330	326.4	0.391	0.423	1.85	1.17	.935	.856	.778	1350	.758
704-DRA73-471-R	DRA73-471-R	A	470	472.6	0.326	0.354	2.67	1.17	.935	.856	.778	1350	.758
704-DRA73-681-R	DRA73-681-R	A	680	682.9	0.27	0.297	3.89	1.17	.93	.856	.782	1350	.758
704-DRA73-821-R	DRA73-821-R	A	820	825.3	0.252	0.267	4.46	1.17	.93	.856	.782	1350	.758
704-DRA73-102-R	DRA73-102-R	A	1000	991.9	0.235	0.239	5.15	1.17	.93	.856	.782	1350	.758
<b>DRA74 Series</b>													
704-DRA74-R33-R	DRA74-R33-R	B	0.33	0.288	7.26	18.40	0.0054	1.23	.993	.898	.824	1100	.778
704-DRA74-1R0-R	DRA74-1R0-R	B	1.0	0.897	6.01	10.22	0.0078	1.23	.993	.898	.824	1100	.778
704-DRA74-1R5-R	DRA74-1R5-R	B	1.5	1.31	5.55	8.36	0.0092	1.23	.993	.898	.824	1100	.778
704-DRA74-2R2-R	DRA74-2R2-R	B	2.2	2.33	4.82	6.13	0.012	1.24	.99	.90	.82	1100	.78
704-DRA74-3R3-R	DRA74-3R3-R	B	3.3	3.05	4.16	5.41	0.016	1.23	.987	.901	.818	1100	.778
704-DRA74-4R7-R	DRA74-4R7-R	B	4.7	4.68	3.41	4.38	0.024	1.23	.987	.901	.818	1100	.778
704-DRA74-6R8-R	DRA74-6R8-R	B	6.8	6.51	2.91	3.68	0.034	1.23	.987	.901	.818	1100	.778
704-DRA74-8R2-R	DRA74-8R2-R	B	8.2	8.51	2.66	3.17	0.040	1.23	.993	.898	.824	1100	.778
704-DRA74-100-R	DRA74-100-R	B	10.0	9.62	2.56	2.97	0.043	1.18	.939	.857	.776	1100	.735
704-DRA74-150-R	DRA74-150-R	B	15.0	15.14	2.06	2.36	0.067	1.18	.939	.857	.776	1100	.735
704-DRA74-220-R	DRA74-220-R	B	22.0	22.25	1.68	1.96	0.100	1.18	.939	.857	.776	1100	.735
704-DRA74-330-R	DRA74-330-R	B	33.0	33.21	1.37	1.61	0.151	1.18	.939	.857	.776	1100	.735
704-DRA74-470-R	DRA74-470-R	B	47.0	46.56	1.14	1.37	0.219	1.18	.939	.857	.776	1100	.735
704-DRA74-680-R	DRA74-680-R	B	68.0	68.37	0.996	1.108	0.286	1.23	.987	.901	.818	1100	.778
704-DRA74-820-R	DRA74-820-R	B	82.0	81.45	0.879	1.034	0.367	1.23	.993	.898	.824	1100	.778
704-DRA74-101-R	DRA74-101-R	B	100	98.5	0.822	0.929	0.419	1.18	.939	.857	.776	1100	.735
704-DRA74-151-R	DRA74-151-R	B	150	150.9	0.661	0.748	0.648	1.18	.939	.857	.776	1100	.735
704-DRA74-221-R	DRA74-221-R	B	220	218.9	0.544	0.626	0.96	1.18	.939	.857	.776	1100	.735
704-DRA74-331-R	DRA74-331-R	B	330	328.9	0.435	0.514	1.50	1.23	.987	.901	.818	1100	.778
704-DRA74-471-R	DRA74-471-R	B	470	471.5	0.383	0.420	1.93	1.23	.987	.901	.818	1100	.778
704-DRA74-681-R	DRA74-681-R	B	680	682.8	0.315	0.352	2.86	1.23	.993	.898	.824	1100	.778
704-DRA74-821-R	DRA74-821-R	B	820	815.0	0.279	0.327	3.63	1.23	.993	.898	.824	1100	.778
704-DRA74-102-R	DRA74-102-R	B	1000	1001.7	0.260	0.292	4.19	1.23	.987	.901	.818	1100	.778
<b>DRA124 Series</b>													
704-DRA124-R47-R	DRA124-R47-R	C	0.47	0.423	15.15	30.80	0.0019	1.42	1.14	1.03	.939	750	.802
704-DRA124-1R0-R	DRA124-1R0-R	C	1.0	0.821	11.65	22.00	0.0031	1.42	1.14	1.03	.939	750	.802
704-DRA124-1R5-R	DRA124-1R5-R	C	1.5	1.36	9.36	17.11	0.0049	1.42	1.14	1.03	.943	750	.802
704-DRA124-2R2-R	DRA124-2R2-R	C	2.2	2.04	7.64	14.00	0.007	1.42	1.14	1.03	.939	750	.802
704-DRA124-3R3-R	DRA124-3R3-R	C	3.3	2.79	6.94	11.85	0.009	1.42	1.14	1.03	.939	750	.802
704-DRA124-4R7-R	DRA124-4R7-R	C	4.7	4.74	5.47	9.06	0.014	1.42	1.14	1.03	.939	750	.802
704-DRA124-6R8-R	DRA124-6R8-R	C	6.8	7.28	4.46	7.33	0.021	1.42	1.14	1.03	.943	750	.867
704-DRA124-8R2-R	DRA124-8R2-R	C	8.2	8.88	3.87	6.70	0.028	1.42	1.14	1.03	.943	750	.802
704-DRA124-100-R	DRA124-100-R	C	10.0	10.37	3.67	6.16	0.031	1.42	1.14	1.03	.939	750	.802
704-DRA124-150-R	DRA124-150-R	C	15.0	14.10	3.10	5.31	0.044	1.42	1.14	1.03	.943	750	.802
704-DRA124-220-R	DRA124-220-R	C	22.0	23.00	2.44	4.16	0.071	1.42	1.14	1.03	.943	750	.867
704-DRA124-330-R	DRA124-330-R	C	33.0	34.13	1.98	3.42	0.108	1.42	1.14	1.03	.943	750	.802
704-DRA124-470-R	DRA124-470-R	C	47.0	46.27	1.78	2.91	0.134	1.42	1.14	1.03	.939	750	.802
704-DRA124-680-R	DRA124-680-R	C	68.0	69.77	1.454	2.369	0.201	1.42	1.14	1.03	.939	750	.802
704-DRA124-820-R	DRA124-820-R	C	82.0	80.57	1.285	2.232	0.257	1.42	1.14	1.03	.939	750	.802
704-DRA124-101-R	DRA124-101-R	C	100	98.8	1.199	2.000	0.296	1.42	1.14	1.03	.943	750	.802
704-DRA124-151-R	DRA124-151-R	C	150	151.7	0.967	1.621	0.454	1.42	1.14	1.03	.943	750	.802
704-DRA124-221-R	DRA124-221-R	C	220	209.6	0.865	1.363	0.568	1.42	1.14	1.03	.943	750	.802
704-DRA124-331-R	DRA124-331-R	C	330	326.9	0.690	1.092	0.892	1.42	1.14	1.03	.943	750	.802
704-DRA124-471-R	DRA124-471-R	C	470	473.0	0.568	0.911	1.32	1.42	1.14	1.03	.943	750	.802
704-DRA124-681-R	DRA124-681-R	C	680	682.1	0.466	0.759	1.96	1.42	1.14	1.03	.943	750	.802
704-DRA124-821-R	DRA124-821-R	C	820	826.7	0.406	0.697	2.57	1.42	1.14	1.03	.943	750	.802
704-DRA124-102-R	DRA124-102-R	C	1000	1001.0	0.380	0.629	2.94	1.42	1.14	1.03	.939	750	.802