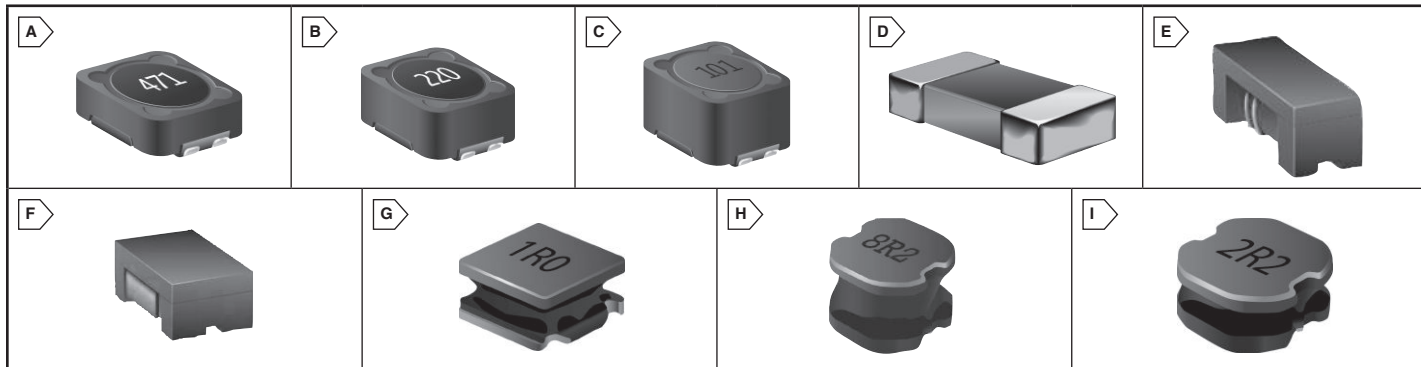


BOURNS Inductors



DUAL-WINDING SHIELDED POWER INDUCTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Impedance @ 100 MHz (Ω) ±25%	Tol. %	DCR (Ω) Max.	I _{rms} (A)	I _{sat} (A)	Price Each				
Mfr.	Mfr. Part No.							1	50	100	500	1500
SRF0703 Series												
652	—SRF0703-R33M	A	0.33	±20	0.0092	6.19	14.4	.88	.81	.75	.63	.50
652	—SRF0703-1R0M	A	1.0	±20	0.0135	5.25	7.97	.88	.81	.75	.63	.50
652	—SRF0703-1R5M	A	1.5	±20	0.0191	4.64	6.52	.88	.81	.75	.63	.50
652	—SRF0703-2R2M	A	2.2	±20	0.0217	4.11	5.52	.88	.81	.75	.63	.50
652	—SRF0703-3R3M	A	3.3	±20	0.0316	3.31	4.22	.88	.81	.75	.63	.50
652	—SRF0703-4R7M	A	4.7	±20	0.0406	3.09	3.78	.88	.81	.75	.63	.50
652	—SRF0703-6R8M	A	6.8	±20	0.0658	2.55	3.12	.88	.81	.75	.63	.50
652	—SRF0703-8R2M	A	8.2	±20	0.0772	2.19	2.66	.88	.81	.75	.63	.50
652	—SRF0703-100M	A	10	±20	0.0826	2.08	2.47	.88	.81	.75	.63	.50
652	—SRF0703-150M	A	15	±20	0.119	1.83	2.05	.88	.81	.75	.63	.50
652	—SRF0703-220M	A	22	±20	0.15	1.62	1.67	.88	.81	.75	.63	.50
652	—SRF0703-330M	A	33	±20	0.24	1.31	1.35	.88	.81	.75	.63	.50
652	—SRF0703-470M	A	47	±20	0.338	1.08	1.14	.88	.81	.75	.63	.50
652	—SRF0703-680M	A	68	±20	0.507	0.89	0.96	.88	.81	.75	.63	.50
652	—SRF0703-820M	A	82	±20	0.61	0.86	0.89	.88	.81	.75	.63	.50
652	—SRF0703-101M	A	100	±20	0.715	0.73	0.79	.88	.81	.75	.63	.50
652	—SRF0703-151M	A	150	±20	0.986	0.58	0.65	.88	.81	.75	.63	.50
652	—SRF0703-221M	A	220	±20	1.48	0.52	0.53	.88	.81	.75	.63	.50
652	—SRF0703-331M	A	330	±20	2.16	0.42	0.44	.88	.81	.75	.63	.50
652	—SRF0703-471M	A	470	±20	2.82	0.35	0.37	.88	.81	.75	.63	.50
652	—SRF0703-681M	A	680	±20	3.96	0.29	0.31	.88	.81	.75	.63	.50
652	—SRF0703-821M	A	820	±20	5.01	0.27	0.28	.88	.81	.75	.63	.50
652	—SRF0703-102M	A	1000	±20	6.11	0.26	0.25	.88	.81	.75	.63	.50
SRF1260 Series												
652	—SRF1260-100M	B	10	±20	0.0246	5.35	7.17	1.26	1.17	1.08	.90	.81
652	—SRF1260-150M	B	15	±20	0.0329	4.27	5.69	1.26	1.17	1.08	.90	.81
652	—SRF1260-220M	B	22	±20	0.0451	3.7	4.71	1.26	1.17	1.08	.90	.81
652	—SRF1260-330M	B	33	±20	0.0618	3.28	3.84	1.26	1.17	1.08	.90	.81
652	—SRF1260-470M	B	47	±20	0.086	2.71	3.24	1.26	1.17	1.08	.90	.81
652	—SRF1260-680M	B	68	±20	0.117	2.22	2.7	1.26	1.17	1.08	.90	.81
652	—SRF1260-820M	B	82	±20	0.15	2.05	2.39	1.26	1.17	1.08	.90	.81
652	—SRF1260-101M	B	100	±20	0.171	1.78	2.2	1.26	1.17	1.08	.90	.81
652	—SRF1260-151M	B	150	±20	0.254	1.48	1.81	1.26	1.17	1.08	.90	.81
652	—SRF1260-221M	B	220	±20	0.354	1.19	1.51	1.26	1.17	1.08	.90	.81
652	—SRF1260-331M	B	330	±20	0.574	1.06	1.22	1.26	1.17	1.08	.90	.81
652	—SRF1260-471M	B	470	±20	0.83	0.87	1.02	1.26	1.17	1.08	.90	.81
652	—SRF1260-681M	B	680	±20	1.212	0.7	0.85	1.26	1.17	1.08	.90	.81
652	—SRF1260-821M	B	820	±20	1.46	0.6	0.77	1.26	1.17	1.08	.90	.81
652	—SRF1260-102M	B	1000	±20	1.854	0.57	0.7	1.26	1.17	1.08	.90	.81
SRF1280 Series												
652	—SRF1280-100M	C	10	±20	0.0241	6.04	11.2	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-150M	C	15	±20	0.0333	5.03	9.66	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-220M	C	22	±20	0.0503	4	7.57	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-330M	C	33	±20	0.0664	3.23	6.22	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-470M	C	47	±20	0.0898	2.95	5.28	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-680M	C	68	±20	0.123	2.44	4.44	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-820M	C	82	±20	0.153	2.09	4.06	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-101M	C	100	±20	0.175	1.96	3.64	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-151M	C	150	±20	0.261	1.59	3.01	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-221M	C	220	±20	0.343	1.29	2.43	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-331M	C	330	±20	0.54	1.04	2.01	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-471M	C	470	±20	0.865	0.85	1.68	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-681M	C	680	±20	1.296	0.76	1.39	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-821M	C	820	±20	1.632	0.65	1.27	1.65	1.53	1.41	1.18	1.06
652	—SRF1280-102M	C	1000	±20	1.992	0.61	1.14	1.65	1.53	1.41	1.18	1.06

MULTILAYER POWER CHIP INDUCTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Impedance @ 100 MHz (Ω) ±25%	Tol. %	DCR (Ω) Max.	IDC Max. (mA)	Price Each				
Mfr.	Mfr. Part No.						1	50	100	500	2000
CVH252009 Series											
652	—CVH252009-R47M	D	±20%	0.04	100	1800	.24	.21	.18	.156	.132
652	—CVH252009-1R0M	D	±20%	0.055	60	1600	.24	.21	.18	.156	.132
652	—CVH252009-1R5M	D	±20%	0.07	50	1500	.24	.21	.18	.156	.132
652	—CVH252009-2R2M	D	±20%	0.08	40	1300	.24	.21	.18	.156	.132
652	—CVH252009-3R3M	D	±20%	0.10	30	1200	.24	.21	.18	.156	.132
652	—CVH252009-4R7M	D	±20%	0.11	25	1100	.24	.21	.18	.156	.132

COMMON MODE CHIP INDUCTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Impedance @ 100 MHz (Ω) ±25%	Tol. %	DCR (Ω) Max.	IDC Max. (mA)	Price Each				
Mfr.	Mfr. Part No.						1	50	100	500	2000
SRF2012 Series											
652	—SRF2012-670YA	E	67	±25	0.25	400	.28	.25	.23	.21	.18
652	—SRF2012-900YA	E	90	±25	0.3	400	.28	.25	.23	.21	.18
652	—SRF2012-121YA	E	120	±25	0.3	400	.28	.25	.23	.21	.18
652	—SRF2012-161YA	E	160	±25	0.35	350	.28	.25	.23	.21	.18
652	—SRF2012-181YA	E	180	±25	0.35	350	.28	.25	.23	.21	.18
652	—SRF2012-201YA	E	200	±25	0.4	300	.28	.25	.23	.21	.18
652	—SRF2012-221YA	E	220	±25	0.4	300	.28	.25	.23	.21	.18
652	—SRF2012-261YA	E	260	±25	0.4	300	.28	.25	.23	.21	.18
652	—SRF2012-361YA	E	360	±25	0.45	300	.28	.25	.23	.21	.18
SRF4532 Series											
652	—SRF4532-110Y	F	700	+50/-30	0.8	300	.49	.405	.315	.288	.27
652	—SRF4532-220Y	F	1000	+50/-30	2.65	200	.49	.405	.315	.288	.27
652	—SRF4532-510Y	F	2000	+50/-30	3.5	200	.49	.405	.315	.288	.27
652	—SRF4532-101Y	F	5000	+50/-30	8.9	200	.49	.405	.315	.288	.27

SEMI-SHIELDED POWER INDUCTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Inductance @ 100 MHz L (μH)	Tol. %	DCR (Ω) Max.	I _{rms} (A)	I _{sat} (A)	Price Each			
Mfr.	Mfr. Part No.							1	100	500	2000
SRN3015 Series											
652	—SRN3015-1R0Y	G	1.0	±30	0.048	2.35	2.05	.27	.175	.16	.15
652	—SRN3015-1R5Y	G	1.5	±30	0.066	2.10	2.00	.27	.175	.16	.15
652	—SRN3015-2R2M	G	2.2	±20	0.072	1.80	1.65	.27	.175	.16	.15
652	—SRN3015-3R3M	G	3.3	±20	0.112	1.60	1.40	.27	.175	.16	.15
652	—SRN3015-4R7M	G	4.7	±20	0.136	1.40	1.20	.27	.175	.16	.15
652	—SRN3015-6R8M	G	5.8	±20	0.211	1.10	1.05	.27	.175	.16	.15
652	—SRN3015-100M	G	10	±20	0.276	1.00	0.88	.27	.175	.16	.15
652	—SRN3015-150M	G	15	±20	0.422	0.80	0.68	.27	.175	.16	.15
652	—SRN3015-180M	G	18	±20	0.546	0.65	0.62	.27	.175	.16	.15
652	—SRN3015-220M	G	22	±20	0.622	0.60	0.58	.27	.175	.16	.15
652	—SRN3015-330M	G	33	±20							