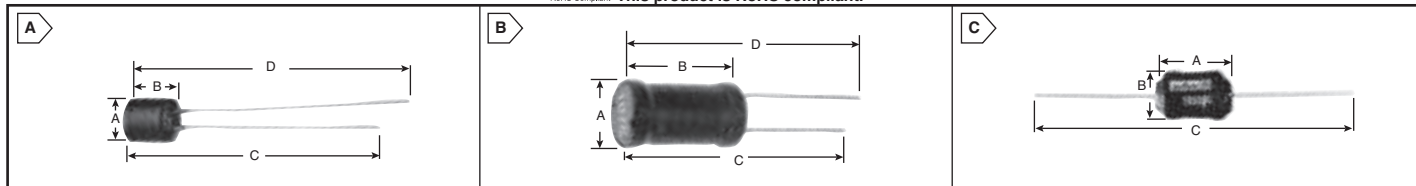


MURATA POWER SOLUTIONS Inductors



This product is RoHS compliant.



RADIAL LEAD INDUCTORS

- UL VW-1 rated sleeving
- Low DC resistance
- RoHS Compliant

1100R Series, Radial Lead

• Dimensions (mm): A-5.0, B-7.5, C-41.0, D-45.0

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (Ω)	Price Each		
						1	5	10
580-11R102C	11R102C	A	1.0±20%	3.00	0.02	.31	.30	.29
580-11R152C	11R152C	A	1.5±20%	2.40	0.03	.31	.30	.29
580-11R222C	11R222C	A	2.2±20%	1.90	0.05	.31	.30	.29
580-11R332C	11R332C	A	3.3±20%	1.50	0.07	.31	.30	.29
580-11R472C	11R472C	A	4.7±20%	1.30	0.09	.31	.30	.29
580-11R682C	11R682C	A	6.8±20%	1.10	0.10	.31	.30	.29
580-11R103C	11R103C	A	10	0.95	0.14	.31	.30	.29
580-11R153C	11R153C	A	15	0.80	0.19	.31	.30	.29
580-11R223C	11R223C	A	22	0.65	0.27	.31	.30	.29
580-11R333C	11R333C	A	33	0.55	0.42	.31	.30	.29
580-11R473C	11R473C	A	47	0.50	0.54	.31	.30	.29
580-11R683C	11R683C	A	68	0.40	0.85	.31	.30	.29
580-11R104C	11R104C	A	100	0.35	1.10	.31	.30	.29
580-11R154C	11R154C	A	150	0.30	1.65	.31	.30	.29
580-11R224C	11R224C	A	220	0.24	2.40	.31	.30	.29
580-11R334C	11R334C	A	330	0.19	3.60	.31	.30	.29
580-11R474C	11R474C	A	470	0.14	6.40	.31	.30	.29

1300R Series, Radial Lead

• Dimensions (mm): A-9.5, B-13.5, C-43.0, D-47.0

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (Ω)	Price Each		
						1	5	10
580-13R152C	13R152C	A	1.5±20%	6.300	0.008	.60	.59	.56
580-13R222C	13R222C	A	2.2±20%	5.300	0.010	.60	.59	.56
580-13R332C	13R332C	A	3.3±20%	4.800	0.013	.60	.59	.56
580-13R472C	13R472C	A	4.7±20%	4.300	0.017	.60	.59	.56
580-13R682C	13R682C	A	6.8±20%	3.500	0.023	.60	.59	.56
580-13R103C	13R103C	A	10	3.000	0.031	.60	.59	.56
580-13R153C	13R153C	A	15	2.500	0.042	.60	.59	.56
580-13R223C	13R223C	A	22	2.000	0.070	.60	.59	.56
580-13R333C	13R333C	A	33	1.800	0.092	.60	.59	.56
580-13R473C	13R473C	A	47	1.500	0.110	.60	.59	.56
580-13R683C	13R683C	A	68	1.300	0.150	.60	.59	.56
580-13R104C	13R104C	A	100	1.000	0.240	.60	.59	.56
580-13R154C	13R154C	A	150	0.820	0.330	.60	.59	.56
580-13R224C	13R224C	A	220	0.700	0.470	.60	.59	.56
580-13R334C	13R334C	A	330	0.580	0.640	.60	.59	.56
580-13R474C	13R474C	A	470	0.450	1.050	.60	.59	.56
580-13R684C	13R684C	A	680	0.420	1.500	.60	.59	.56
580-13R105C	13R105C	A	1.0mH	0.330	2.100	.60	.59	.56
580-13R155C	13R155C	A	1.5mH	0.280	3.100	.60	.59	.56
580-13R225C	13R225C	A	2.2mH	0.240	4.500	.60	.59	.56
580-13R335C	13R335C	A	3.3mH	0.190	7.000	.60	.59	.56
580-13R475C	13R475C	A	4.7mH	0.160	9.300	.60	.59	.56
580-13R685C	13R685C	A	6.8mH	0.130	13.500	.60	.59	.56
580-13R106C	13R106C	A	10mH	0.085	23.800	.60	.59	.56
580-13R156C	13R156C	A	15mH	0.080	31.000	.60	.59	.56
580-13R226C	13R226C	A	22mH	0.070	48.000	.60	.59	.56
580-13R336C	13R336C	A	33mH	0.060	68.000	.60	.59	.56
580-13R476C	13R476C	A	47mH	0.045	120.000	.60	.59	.56
580-13R686C	13R686C	A	68mH	0.040	152.000	.60	.59	.56

1900R SERIES RADIAL LEAD INDUCTORS

- Low DC resistance
- Dimensions (mm): A-12, B-21, C-40, D-45
- RoHS Compliant
- PCB mounting
- Fully tinned leads

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (Ω)	Price Each		
						1	5	10
580-19R472C	19R472C	B	4.7	7.8	0.008	1.82	1.75	1.69
580-19R682C	19R682C	B	6.8	6.7	0.011	1.82	1.75	1.69
580-19R103C	19R103C	B	10	6.0	0.017	1.82	1.75	1.69
580-19R153C	19R153C	B	15	4.8	0.022	1.82	1.75	1.69
580-19R223C	19R223C	B	22	4.0	0.026	1.82	1.75	1.69
580-19R473C	19R473C	B	47	3.4	0.038	1.82	1.75	1.69
580-19R683C	19R683C	B	68	2.9	0.055	1.82	1.75	1.69
580-19R154C	19R154C	B	150	1.9	0.129	1.82	1.75	1.69
580-19R224C	19R224C	B	220	1.6	0.162	1.82	1.75	1.69
580-19R334C	19R334C	B	330	1.34	0.240	1.82	1.75	1.69
580-19R474C	19R474C	B	470	1.09	0.380	1.82	1.75	1.69
580-19R684C	19R684C	B	680	0.91	0.548	1.82	1.75	1.69
580-19R105C	19R105C	B	1.0mH	0.73	0.844	1.82	1.75	1.69
580-19R155C	19R155C	B	1.5mH	0.63	1.2	1.82	1.75	1.69
580-19R225C	19R225C	B	2.2mH	0.50	2.0	1.82	1.75	1.69
580-19R335C	19R335C	B	3.3mH	0.42	2.5	1.82	1.75	1.69
580-19R475C	19R475C	B	4.7mH	0.35	3.5	1.82	1.75	1.69
580-19R685C	19R685C	B	6.8mH	0.29	5.7	1.82	1.75	1.69
580-19R106C	19R106C	B	10mH	0.23	7.3	1.82	1.75	1.69
580-19R156C	19R156C	B	15mH	0.19	12	1.82	1.75	1.69
580-19R226C	19R226C	B	22mH	0.15	22	1.82	1.75	1.69
580-19R336C	19R336C	B	33mH	0.13	26	1.82	1.75	1.69
580-19R476C	19R476C	B	47mH	0.11	36	1.82	1.75	1.69
580-19R107C	19R107C	B	100mH	0.07	90	1.82	1.75	1.69

INDUCTORS

- Low DC resistance
- Operating temperature: 0°C to 70°C
- RoHS Compliant
- Dimensions (mm): A-7.2, B-8.2, C-41, D-45.5

1700 Series, Radial Lead

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (Ω)	Nom. Q @ f kHz		SRF Nom. (MHz)	Price Each		
						Q	F		1	5	10
580-17103C	17103C	A	10	1.80	0.05	40	1000	21.2	1.49	1.40	1.34
580-17123C	17123C	A	22	1.20	0.08	30	500	17.0	1.49	1.40	1.34
580-17333C	17333C	A	33	1.00	0.13	25	500	11.4	1.49	1.40	1.34
580-17473C	17473C	A	47	0.86	0.20	25	500	10.9	1.49	1.40	1.34
580-17683C	17683C	A	68	0.85	0.26	70	100	10.6	1.49	1.40	1.34
580-17104C	17104C	A	100	0.74	0.35	65	100	8.9	1.49	1.40	1.34
580-17154C	17154C	A	150	0.58	0.49	80	100	6.2	1.49	1.40	1.34
580-17224C	17224C	A	220	0.48	0.75	90	100	5.4	1.49	1.40	1.34
580-17334C	17334C	A	330	0.42	1.10	95	100	4.5	1.49	1.40	1.34
580-17474C	17474C	A	470	0.34	1.50	100	100	3.2	1.49	1.40	1.34
580-17105C	17105C	A	1.0mH	0.19	3.30	120	100	2.5	1.49	1.40	1.34
580-17155C	17155C	A	1.5mH	0.15	5.90	130	100	2.1	1.49	1.40	1.34
580-17225C	17225C	A	2.2mH	0.12	7.80	130	50	1.9	1.49	1.40	1.34

1800 Series, Axial Lead

• Dimensions (mm): A-18.25, B-13.7, C-78.25

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (Ω)	Nom. Q @ f kHz		SRF Nom. (MHz)	Price Each		
						Q	F		1	5	10
580-18472C	18472C	C	4.7	5.35	9.0mΩ	112	1000	36.4	1.42	1.37	1.34
580-18103C	18103C	C	10	3.45	15mΩ	64	500	19.0	1.42	1.37	1.34
580-18153C	18153C	C	15	3.00	18mΩ	55	500	15.9	1.42	1.37	1.34
580-18223C	18223C	C	22	2.42	25mΩ	59	500	11.8	1.42	1.37	1.34
580-18333C	18333C	C	33	2.00	40mΩ	48	500	11.5	1.42	1.37	1.34
580-18473C	18473C	C	47	1.65	55mΩ	55	500	8.5	1.42	1.37	1.34
580-18104C	18104C	C	100	1.20	100mΩ	40	100	7.4	1.42	1.37	1.34
580-18154C	18154C	C	150	1.10	165mΩ	47	100	4.4	1.42	1.37	1.34
580-18224C	18224C	C	220	0.90	230mΩ	46	100	3.5	1.42	1.37	1.34
580-18334C	18334C	C	330	0.73	335mΩ	58	100	3.0	1.42	1.37	1.34
580-18474C	18474C	C	470	0.60	465mΩ	56	100	2.2	1.42	1.37	1.34
580-18105C	18105C	C	1.0mH	0.44	1.0	94	50	1.6	1.42	1.37	1.34
580-18155C	18155C	C	1.5mH	0.33	1.5	107	50	1.3	1.42	1.37	1.34
580-18106C	18106C	C	10mH	0.13	12	143	40	0.5	1.42	1.37	1.34

1800R Series, Radial Lead

• Dimensions (mm): A-13.7, B-13, C-45, D-50

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (Ω)	Nom. Q @ f kHz		SRF Nom. (MHz)	Price Each		
						Q	F		1	5	10
580-18R472C	18R472C	A	4.7	5.35	9.0mΩ	106	1000	35.1	1.42	1.37	1.34
580-18R682C	18R682C	A	6.8	4.15	12.0mΩ	73	500	26.3	1.42	1.37	1.34
580-18R103C	18R103C	A	10	3.45	15mΩ	59	500	23.8	1.42	1.37	1.34
580-18R153C	18R153C	A	15	3.00	18mΩ	55	500	17.0	1.42	1.37	1.34
580-18R223C	18R223C	A	22	2.42	25mΩ	51	500	1			