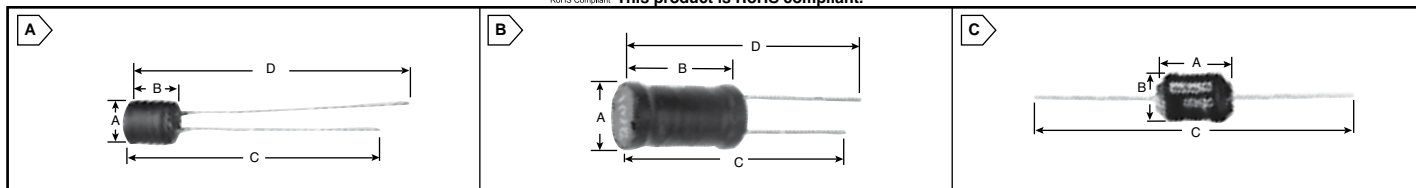


# MURATA POWER SOLUTIONS Inductors

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			
580-11R152C	11R152C	A	1.5±20%	2.40	0.03			
580-11R222C	11R222C	A	2.2±20%	1.90	0.05			
580-11R332C	11R332C	A	3.3±20%	1.50	0.07			
580-11R472C	11R472C	A	4.7±20%	1.30	0.09			
580-11R682C	11R682C	A	6.8±20%	1.10	0.10			
580-11R103C	11R103C	A	10	0.95	0.14			
580-11R153C	11R153C	A	15	0.80	0.19			
580-11R223C	11R223C	A	22	0.65	0.27			
580-11R333C	11R333C	A	33	0.55	0.42			
580-11R473C	11R473C	A	47	0.50	0.54			
580-11R683C	11R683C	A	68	0.40	0.85			
580-11R104C	11R104C	A	100	0.35	1.10			
580-11R154C	11R154C	A	150	0.30	1.65			
580-11R224C	11R224C	A	220	0.24	2.40			
580-11R334C	11R334C	A	330	0.19	3.60			
580-11R474C	11R474C	A	470	0.14	6.40			

## 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 Norm. (MHz)	Price Each		
						Q	F		1	5	10
580-17103C	17103C	A	10	1.80	0.05	40	1000	21.2			
580-17223C	17223C	A	22	1.20	0.08	30	500	17.0			
580-17333C	17333C	A	33	1.00	0.13	25	500	11.4			
580-17473C	17473C	A	47	0.86	0.20	25	500	10.9			
580-17683C	17683C	A	68	0.85	0.26	70	100	10.6			
580-17104C	17104C	A	100	0.74	0.35	65	100	8.9			
580-17154C	17154C	A	150	0.58	0.49	80	100	6.2			
580-17224C	17224C	A	220	0.48	0.75	90	100	5.4			
580-17334C	17334C	A	330	0.42	1.10	95	100	4.5			
580-17474C	17474C	A	470	0.34	1.50	100	100	3.2			
580-17105C	17105C	A	1.0mH	0.19	3.30	120	100	2.5			
580-17155C	17155C	A	1.5mH	0.15	5.90	130	100	2.1			
580-17225C	17225C	A	2.2mH	0.12	7.80	130	50	1.9			

### 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 Norm. (MHz)	Price Each		
						Q	F		1	5	10
580-18472C	18472C	C	4.7	5.35	9.0mΩ	112	1000	36.4			
580-18103C	18103C	C	10	3.45	15mΩ	64	500	19.0			
580-18153C	18153C	C	15	3.00	18mΩ	55	500	15.9			
580-18223C	18223C	C	22	2.42	25mΩ	59	500	11.8			
580-18333C	18333C	C	33	2.00	40mΩ	48	500	11.5			
580-18473C	18473C	C	47	1.65	55mΩ	55	500	8.5			
580-18104C	18104C	C	100	1.20	100mΩ	40	100	7.4			
580-18154C	18154C	C	150	1.10	165mΩ	47	100	4.4			
580-18224C	18224C	C	220	0.90	230mΩ	46	100	3.5			
580-18334C	18334C	C	330	0.73	335mΩ	58	100	3.0			
580-18474C	18474C	C	470	0.60	465mΩ	56	100	2.2			
580-18105C	18105C	C	1.0mH	0.44	1.0	94	50	1.6			
580-18155C	18155C	C	1.5mH	0.33	1.5	107	50	1.3			
580-18106C	18106C	C	10mH	0.13	12	143	40	0.5			

### 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 Norm. (MHz)	Price Each		
						Q	F		1	5	10
580-18R472C	18R472C	A	4.7	5.35	9.0mΩ	106	1000	35.1			
580-18R682C	18R682C	A	6.8	4.15	12.0mΩ	73	500	26.3			
580-18R103C	18R103C	A	10	3.45	15mΩ	59	500	23.8			
580-18R153C	18R153C	A	15	3.00	18mΩ	55	500	17.0			
580-18R223C	18R223C	A	22	2.42	25mΩ	51	500	14.1			
580-18R333C	18R333C	A	33	2.00	40mΩ	48	500	11.5			
580-18R473C	18R473C	A	47	1.65	55mΩ	46	500	9.85			
580-18R683C	18R683C	A	68	1.35	70mΩ	27	100	8.29			
580-18R104C	18R104C	A	100	1.20	100mΩ	40	100	7.4			
580-18R154C	18R154C	A	150	1.10	165mΩ	40	100	5.58			
580-18R224C	18R224C	A	220	0.90	230mΩ	39	100	4.0			
580-18R254C	18R254C	A	250	0.80	255mΩ	40	100	3.85			
580-18R334C	18R334C	A	330	0.73	335mΩ	49	100	3.57			
580-18R474C	18R474C	A	470	0.60	465mΩ	50	100	2.81			
580-18R684C	18R684C	A	680	0.53	630mΩ	48	100	2.43			
580-18R105C	18R105C	A	1000	0.44	1000mΩ	92	50	1.82			
580-18R155C	18R155C	A	1.5mH	0.33	1.5	106	50	1.6			
580-18R225C	18R225C	A	2.2mH	0.30	2.2	106	50	1.41			
580-18R106C	18R106C	A	10mH	0.13	12.0	142	40	.58			

### 2200R Series, Radial Lead

• Operating Temperature: -25° to +70°C

• Dimensions (mm): A=7.2, B=8.2, C=41, D=45

MOUSER STOCK NO.	MPS Part No.	Fig.	L (µH)	IDC Max. (A)	RDC Max. (Ω)	Nom. Q @ f kHz		SRF Norm. (MHz)	Price Each		
						Q	F		1	5	10
580-22R103C	22R103C	A	10	1.62	0.05	40	1000	21.2			
580-22R153C	22R153C	A	15	1.35	0.07	30	500	19.4			
580-22R223C	22R223C	A	22	1.08	0.09	30	500	17.0			
580-22R333C	22R333C	A	33	0.90	0.14	25	500	11.4			
580-22R473C	22R473C	A	47	0.77	0.22	25	500	10.9			
580-22R683C	22R683C	A	68	0.77	0.28	70	100	10.6			
580-22R104C	22R104C	A	100	0.67	0.39	65	100	8.9			
580-22R154C	22R154C	A	150	0.52	0.54	80	100	6.2			
580-22R224C	22R224C	A	220	0.43	0.83	90	100	5.4			
580-22R334C	22R334C	A	330	0.38	1.21	95	100	4.5			
580-22R474C	22R474C	A	470	0.31	1.65	100	100	3.2			
580-22R684C	22R684C	A	680	0.25	2.64	105	100	3.0			
580-22R105C	22R105C	A	1000	0.17	3.63	120	100	2.5			
580-22R225C	22R225C	A	2.2mH	0.11	8.58	130	50	1.9			
580-22R335C	22R335C	A	3.3mH	0.10	10.0	125	150	1.2			
580-22R685C	22R685C	A	6.8mH	0.072	22.0	135	150	0.85			
580-22R106C	22R106C	A	10mH	0.063	37.4	140	150	0.62			
580-22R156C	22R156C	A	15.0mH	0.054	49.5	145	150	0.51			

### 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			
580-13R222C	13R222C	A	2.2±20%	5.300	0.010			
580-13R332C	13R332C	A	3.3±20%	4.800	0.013			
580-13R472C	13R472C	A	4.7±20%	4.300	0.017			
580-13R682C	13R682C	A	6.8±20%	3.500	0.023			
580-13R103C	13R103C	A	10	3.000	0.031			
580-13R153C	13R153C	A	15	2.500	0.042			
580-13R223C	13R223C	A	22	2.000	0.070			
580-13R333C	13R333C	A	33	1.800	0.092			
580-13R473C	13R473C	A	47	1.500	0.110			
580-13R683C	13R683C	A	68	1.300	0.150			
580-13R104C	13R104C	A	100	1.000	0.240			
580-13R154C	13R154C	A	150	0.820	0.330			
580-13R224C	13R224C	A	220	0.700	0.470			
580-13R334C	13R334C	A	330	0.580	0.640			
580-13R474C	13R474C	A	470	0.450	1.050			
580-13R684C	13R684C	A	680	0.420	1.500			
580-13R105C	13R105C	A	1.0mH	0.330	2.100			
580-13R155C	13R155C	A	1.5mH	0.280	3.100			
580-13R225C	13R225C	A	2.2mH	0.240	4.500			
580-13R335C	13R335C	A	3.3mH	0.190	7.000			
580-13R475C	13R475C	A	4.7mH	0.160	9.300			
580-13R685C	13R685C	A	6.8mH	0.130	13.500			
580-13R106C	13R106C	A	10mH	0.085	23.800			
580-13R156C	13R156C	A	15mH	0.080	31.000			
580-13R226C	13R226C	A	22mH	0.07				