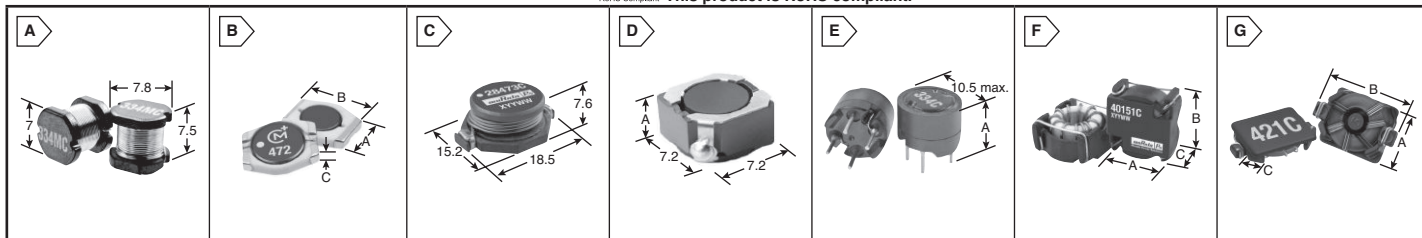


MURATA POWER SOLUTIONS Inductors



RoHS Compliant This product is RoHS compliant.



2200RM SERIES BOBBIN WOUND SURFACE MOUNT INDUCTORS

- Up to 2.52A IDC
- 10μH to 68μH
- Compact size
- Surface mount
- Tape & reel packaging

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (Ω)	Price Each		
						1	5	10
580-22R103MC	22R103MC	A	10.0	2.52	0.05	.85	.82	.80
580-22R153MC	22R153MC	A	15.0	2.08	0.07	.85	.82	.80
580-22R223MC	22R223MC	A	22.0	1.81	0.09	.85	.82	.80
580-22R333MC	22R333MC	A	33.0	1.31	0.14	.85	.82	.80
580-22R473MC	22R473MC	A	47.0	0.99	0.22	.85	.82	.80
580-22R683MC	22R683MC	A	68.0	0.84	0.28	.85	.82	.80
580-22R104MC	22R104MC	A	100.0	0.80	0.39	.85	.82	.80
580-22R154MC	22R154MC	A	150.0	0.64	0.54	.85	.82	.80
580-22R224MC	22R224MC	A	220.0	0.50	0.83	.85	.82	.80
580-22R334MC	22R334MC	A	330.0	0.42	1.21	.85	.82	.80
580-22R474MC	22R474MC	A	470.0	0.37	1.65	.85	.82	.80
580-22R684MC	22R684MC	A	680.0	0.30	2.64	.85	.82	.80
580-22R105MC	22R105MC	A	1.0mH	0.21	3.63	.85	.82	.80
580-22R155MC	22R155MC	A	1.5mH	0.16	6.49	.85	.82	.80
580-22R225MC	22R225MC	A	2.2mH	0.14	8.58	.85	.82	.80
580-22R335MC	22R335MC	A	3.3mH	0.12	10.0	.85	.82	.80
580-22R475MC	22R475MC	A	4.7mH	0.10	13.2	.85	.82	.80
580-22R685MC	22R685MC	A	6.8mH	0.077	22.0	.85	.82	.80
580-22R106MC	22R106MC	A	10.0mH	0.068	37.4	.85	.82	.80
580-22R156MC	22R156MC	A	15.0mH	0.055	49.5	.85	.82	.80
580-22R226MC	22R226MC	A	22.0mH	0.044	82.5	.85	.82	.80
580-22R336MC	22R336MC	A	33.0mH	0.037	110.0	.85	.82	.80
580-22R476MC	22R476MC	A	47.0mH	0.033	154.0	.85	.82	.80
580-22R686MC	22R686MC	A	68.0mH	0.026	242.0	.85	.82	.80

SHIELDED SMD POWER INDUCTORS

- Tape & reel packaging
- J-STD-020-C reflow
- UL 94V-0 materials

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (mΩ)	Dim. A (mm)	Price Each		
							1	5	10
2900 Series									
580-29332C	29332C	D	3.3	4	28	4	.74	.70	.66
580-29472C	29472C	D	4.7	2.3	30	4	.74	.70	.66
580-29333C	29333C	D	33	1	120	4	.86	.82	.77

1200 SERIES RADIAL LEAD SHIELDED INDUCTORS

- Integral EMI shield
- Low DC resistance
- UL 94V-0 materials

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (mΩ)	Dim. A (mm)	Price Each		
							1	5	10
LRS Series									
580-12LRS103C	12LRS103C	E	10	3.4	50	8.5	.71	.70	.67
580-12LRS223C	12LRS223C	E	22	2.6	90	8.5	.71	.70	.67
580-12LRS333C	12LRS333C	E	33	2.1	110	8.5	.71	.70	.67
580-12LRS473C	12LRS473C	E	47	1.7	140	8.5	.71	.70	.67
580-12LRS104C	12LRS104C	E	100	1.4	200	8.5	.71	.70	.67
580-12LRS154C	12LRS154C	E	150	1	350	8.5	.71	.70	.67
580-12LRS224C	12LRS224C	E	220	0.78	540	8.5	.71	.70	.67
580-12LRS334C	12LRS334C	E	330	0.63	860	8.5	.71	.70	.67
580-12LRS474C	12LRS474C	E	470	0.53	1,230	8.5	.71	.70	.67
580-12LRS105C	12LRS105C	E	1mH	0.4	2,300	8.5	.71	.70	.67
580-12LRS155C	12LRS155C	E	1.5mH	0.31	3,400	8.5	.71	.70	.67
580-12LRS225C	12LRS225C	E	2.2mH	0.28	4,600	8.5	.71	.70	.67
580-12LRS335C	12LRS335C	E	3.3mH	0.2	8,700	8.5	.71	.70	.67
RS Series									
580-12RS103C	12RS103C	E	10	4.6	23	10.5	.85	.84	.83
580-12RS223C	12RS223C	E	22	3.3	42	10.5	.85	.84	.83
580-12RS333C	12RS333C	E	33	2.7	57	10.5	.85	.84	.83
580-12RS473C	12RS473C	E	47	2.2	100	10.5	.85	.84	.83
580-12RS104C	12RS104C	E	100	1.4	190	10.5	.85	.84	.83
580-12RS224C	12RS224C	E	220	1.1	290	10.5	.85	.84	.83
580-12RS334C	12RS334C	E	330	0.85	510	10.5	.85	.84	.83
580-12RS474C	12RS474C	E	470	0.72	980	10.5	.85	.84	.83
580-12RS105C	12RS105C	E	1mH	0.44	1,500	10.5	.85	.84	.83

2700 SERIES SMT POWER INDUCTORS

- UL 94V-0 packaging materials
- J-STD-020D reflow
- Ultra-low profile
- Custom inductance values available



For quantities greater than listed, call for quote.

2700 Series • Dimensions (mm) : A-7.7, B-9.0, C-1.65									
MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (mΩ)	1	5	10	10
580-27472C	27472C	B	4.7	1.6	0.10	1.16	1.08	1.03	
580-27682C	27682C	B	6.8	1.4	0.13	1.16	1.08	1.03	
580-27103C	27103C	B	10	1.1	0.15	1.16	1.08	1.03	
580-27153C	27153C	B	15	0.9	0.23	1.16	1.08	1.03	
580-27223C	27223C	B	22	0.75	0.30	1.16	1.08	1.03	
580-27333C	27333C	B	33	0.6	0.45	1.16	1.08	1.03	
580-27473C	27473C	B	47	0.5	0.70	1.16	1.08	1.03	
580-27683C	27683C	B	68	0.42	0.90	1.16	1.08	1.03	
580-27104C	27104C	B	100	0.35	1.30	1.16	1.08	1.03	
580-27154C	27154C	B	150	0.28	2.00	1.16	1.08	1.03	
580-27224C	27224C	B	220	0.24	3.00	1.16	1.08	1.03	
580-27334C	27334C	B	330	0.19	4.50	1.16	1.08	1.03	
580-27474C	27474C	B	470	0.16	6.50	1.16	1.08	1.03	
580-27684C	27684C	B	680	0.14	8.50	1.16	1.08	1.03	
580-27105C	27105C	B	1000	0.11	14.0	1.16	1.08	1.03	

2700T Series • Dimensions (mm) : A-5.4, B-6.45, C-1.0									
MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (mΩ)	1	5	10	10
580-27T102C	27T102C	B	1.0	2.0	0.08	.88	.83	.79	
580-27T152C	27T152C	B	1.5	1.6	0.10	.88	.83	.79	
580-27T222C	27T222C	B	2.2	1.4	0.12	.88	.83	.79	
580-27T332C	27T332C	B	3.3	1.2	0.16	.88	.83	.79	
580-27T472C	27T472C	B	4.7	1.0	0.20	.88	.83	.79	
580-27T682C	27T682C	B	6.8	0.85	0.32	.88	.83	.79	
580-27T103C	27T103C	B	10	0.7	0.41	.88	.83	.79	
580-27T153C	27T153C	B	15	0.6	0.55	.88	.83	.79	
580-27T223C	27T223C	B	22	0.5	0.85	.88	.83	.79	
580-27T333C	27T333C	B	33	0.4	1.30	.88	.83	.79	
580-27T473C	27T473C	B	47	0.32	1.80	.88	.83	.79	
580-27T683C	27T683C	B	68	0.28	2.50	.88	.83	.79	
580-27T104C	27T104C	B	100	0.23	3.50	.88	.83	.79	
580-27T154C	27T154C	B	150	0.17	5.00	.88	.83	.79	
580-27T224C	27T224C	B	220	0.15	7.00	.88	.83	.79	
580-27T334C	27T334C	B	330	0.13	15.0	.88	.83	.79	

2800 SERIES BOBBIN WOUND SMD INDUCTORS

- Compact size, low profile
- UL94V-0 materials
- Tape & reel packaging

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (mΩ)	Nom. Q @ f MHz	SRF Typ. (MHz)	Price Each			
								1	5	10	
580-28154C	28154C	C	150	1.4	276	20.9	0.8	6.7	1.36	1.24	1.18
580-28334C	28334C	C	330	0.95	575	30.8	0.8	5.0	1.34	1.24	1.18
580-28474C	28474C	C	470	0.78	816	31.7	0.8	4.3	1.33	1.29	1.18
580-28155C	28155C	C	1500	0.41	2620	19.8	0.8	3.4	1.36	1.24	1.18
580-28335C	28335C	C	3300	0.29	5760	12.8	0.8	3.2	1.36	1.24	1.18

TOROIDAL SMD INDUCTORS

- Toroidal construction minimizes EMI
- J-STD-020C reflow
- UL 94V-0 materials



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (mΩ)	Price Each		
						1	5	10
4000 Series • Dimensions (mm): A-14.1, B-14.22, C-8.76								
580-40100C	40100C	F	10	3.00	23	2.04	1.96	1.88
580-40220C	40220C	F	22	2.10	35	2.04	1.96	1.88
580-40330C	40330C	F	33	1.66	54	2.04	1.96	1.88
580-40680C	40680C	F	68	1.20	148	2.04	1.96	1.88
580-40101C	40101C	F	100	0.94	177	2.04	1.96	1.88
4100 Series • Dimensions (mm): A-16.76, B-17.53, C-9.91								
580-41100C	41100C	F	10	4.70	24	2.24	2.16	2.08
580-41390C	41390C	F	33	2.70	38	2.24	2.16	2.08
8300 Series • Dimensions (mm): A-5.2, B-7.80, C-1.80								
580-83421C	83421C	G	0.42	3.00	24	1.47	1.38	1.32
580-83751C	83751C	G	0.75	2.70	30	1.47	1.38	1.32
580-83122C	83122C	G	1.2	1.70	65	1.47	1.38	1.32
580-83172C	83172C	G	1.7	1.55	73	1.47	1.38	1.32
580-83232C	83232C	G	2.3	1.40	86	1.47	1.38	1.32
580-83332C	83332C	G	3.3	1.35	98	1.47	1.38	1.32
580-83472C	83472C	G	4.7	1.10	130	1.47	1.38	1.32
580-83682C	83682C	G	6.8	0.95	150	1.47	1.38	1.32
580-83852C	83852C	G	8.5	0.85	167	1.47	1.38	1.32
580-83103C	83103C	G	10.0	0.75	185	1.47	1.38	1.32
580-83153C	83153C	G	15.0	0.60	300	1.47	1.38	1.32
580-83223C	83223C	G	22.0					