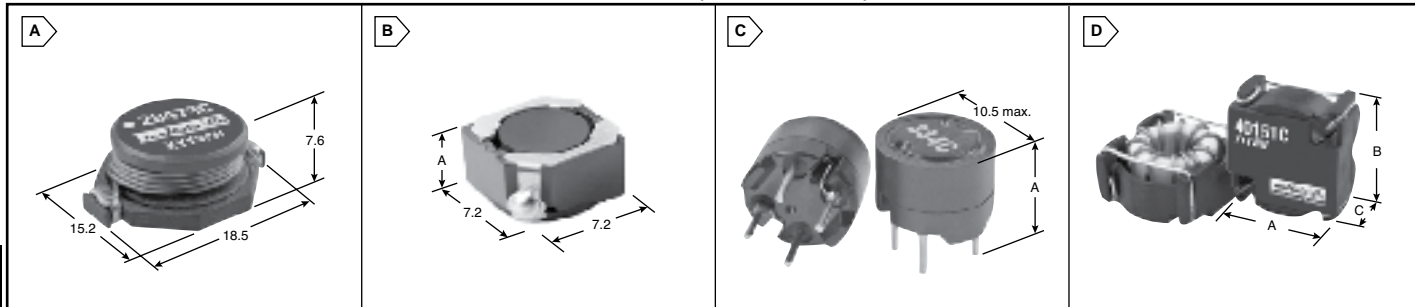


# MURATA POWER SOLUTIONS Inductors



This product is RoHS compliant.



## 2800 SERIES BOBBIN WOUND SMD INDUCTORS

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



RoHS Compliant

For quantities of 25 and up, 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		
						Q	F		1	5	10
580-28102C	28102C	A	1.0	15.5	2.6	45.6	1.0	104			
580-28152C	28152C	A	1.5	12.5	3.6	43.9	1.0	72			
580-28472C	28472C	A	4.7	8.3	10	33.3	1.0	37			
580-28682C	28682C	A	6.8	6.8	14	31.2	1.0	29			
580-28103C	28103C	A	10	5.9	18	31.1	1.0	22.5			
580-28153C	28153C	A	15	4.77	28	31	1.0	17.8			
580-28223C	28223C	A	22	3.85	42	43.5	1.0	14.4			
580-28333C	28333C	A	33	3.22	63	42.8	1.0	11.8			
580-28473C	28473C	A	47	2.66	86	31.5	1.0	10.4			
580-28683C	28683C	A	68	2.16	122	33.9	1.0	8.6			
580-28104C	28104C	A	100	1.8	174	21.4	0.8	7.7			
580-28154C	28154C	A	150	1.4	276	20.9	0.8	6.7			
580-28224C	28224C	A	220	1.2	381	18	0.8	5.8			
580-28334C	28334C	A	330	0.95	575	30.8	0.8	5.0			
580-28474C	28474C	A	470	0.78	816	31.7	0.8	4.3			
580-28684C	28684C	A	680	0.64	1170	20.4	0.8	4.2			
580-28155C	28155C	A	1500	0.41	2620	19.8	0.8	3.4			
580-28225C	28225C	A	2200	0.35	3720	15.8	0.8	3.3			
580-28335C	28335C	A	3300	0.29	5760	12.8	0.8	3.2			

## 1200 SERIES RADIAL LEAD SHIELDED INDUCTORS

- Integral EMI shield
- Low DC resistance
- UL94V-0 materials
- RoHS Compliant



RoHS Compliant

For quantities of 50 and up, 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
<b>LRS Series</b>									
580-12LRS682C	12LRS682C	C	6.8	4.7	20	8.5			
580-12LRS103C	12LRS103C	C	10	3.4	50	8.5			
580-12LRS153C	12LRS153C	C	15	3	70	8.5			
580-12LRS223C	12LRS223C	C	22	2.6	90	8.5			
580-12LRS333C	12LRS333C	C	33	2.1	110	8.5			
580-12LRS473C	12LRS473C	C	47	1.7	140	8.5			
580-12LRS683C	12LRS683C	C	68	1.6	160	8.5			
580-12LRS104C	12LRS104C	C	100	1.4	200	8.5			
580-12LRS154C	12LRS154C	C	150	1	350	8.5			
580-12LRS224C	12LRS224C	C	220	0.78	540	8.5			
580-12LRS334C	12LRS334C	C	330	0.63	860	8.5			
580-12LRS474C	12LRS474C	C	470	0.53	1,230	8.5			
580-12LRS684C	12LRS684C	C	680	0.5	1,650	8.5			
580-12LRS105C	12LRS105C	C	1mH	0.4	2.3Ω	8.5			
580-12LRS155C	12LRS155C	C	1.5mH	0.31	3.4Ω	8.5			
580-12LRS225C	12LRS225C	C	2.2mH	0.28	4.6Ω	8.5			
580-12LRS335C	12LRS335C	C	3.3mH	0.2	8.7Ω	8.5			
580-12LRS475C	12LRS475C	C	4.7mH	0.18	10.5Ω	8.5			
580-12LRS685C	12LRS685C	C	6.8mH	0.15	15Ω	8.5			
580-12LRS106C	12LRS106C	C	10mH	0.12	24Ω	8.5			
580-12LRS156C	12LRS156C	C	15mH	0.095	37Ω	8.5			
580-12LRS226C	12LRS226C	C	22mH	0.073	70Ω	8.5			
<b>RS Series</b>									
580-12RS103C	12RS103C	C	10	4.6	23	10.5			
580-12RS153C	12RS153C	C	15	4	36	10.5			
580-12RS223C	12RS223C	C	22	3.3	42	10.5			
580-12RS333C	12RS333C	C	33	2.7	57	10.5			
580-12RS473C	12RS473C	C	47	2.2	100	10.5			
580-12RS683C	12RS683C	C	68	1.8	150	10.5			
580-12RS104C	12RS104C	C	100	1.4	190	10.5			
580-12RS154C	12RS154C	C	150	1.25	230	10.5			
580-12RS224C	12RS224C	C	220	1.1	290	10.5			
580-12RS334C	12RS334C	C	330	0.85	510	10.5			
580-12RS474C	12RS474C	C	470	0.72	980	10.5			
580-12RS684C	12RS684C	C	680	0.55	1,2Ω	10.5			
580-12RS105C	12RS105C	C	1mH	0.44	1.5Ω	10.5			

## SHIELDED SMD POWER INDUCTORS

- Tape & reel packaging
- UL94V-0 materials
- J-STD-020-C reflow
- RoHS Compliant



RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (mΩ)	Dimension A (mm)	Price Each		
							1	5	10
<b>2900 Series</b>									
580-29222C	29222C	B	2.2	5	20	4			
580-29332C	29332C	B	3.3	4	28	4			
580-29472C	29472C	B	4.7	2.3	40	4			
580-29103C	29103C	B	10	1.8	45	4			
580-29153C	29153C	B	15	1.5	65	4			
580-29223C	29223C	B	22	1.2	85	4			
580-29333C	29333C	B	33	1	120	4			
580-29473C	29473C	B	47	850mA	170	4			
580-29683C	29683C	B	68	630mA	250	4			
580-29104C	29104C	B	100	530mA	360	4			
580-29154C	29154C	B	150	470mA	500	4			
580-29224C	29224C	B	220	380mA	760	4			
580-29334C	29334C	B	330	320mA	1000	4			
580-29474C	29474C	B	470	260mA	1600	4			
<b>2900L Series</b>									
580-29L102C	29L102C	B	1	4.6	13	3.15			
580-29L152C	29L152C	B	1.5	4.2	15	3.15			
580-29L222C	29L222C	B	2.2	3	20	3.15			
580-29L472C	29L472C	B	4.7	2.2	31	3.15			
580-29L682C	29L682C	B	6.8	1.8	48	3.15			
580-29L103C	29L103C	B	10	1.55	64	3.15			
580-29L153C	29L153C	B	15	1.23	84	3.15			
580-29L223C	29L223C	B	22	1.05	114	3.15			
580-29L333C	29L333C	B	33	820mA	174	3.15			
580-29L473C	29L473C	B	47	800mA	223	3.15			
580-29L683C	29L683C	B	68	530mA	307	3.15			
580-29L104C	29L104C	B	100	480mA	456	3.15			
580-29L224C	29L224C	B	220	360mA	1060	3.15			
580-29L334C	29L334C	B	330	300mA	1670	3.15			

## TOROIDAL SMD INDUCTORS

- Toroidal construction minimizes EMI
- UL94V-0 packaging materials
- J-STD-020-C reflow
- RoHS Compliant



RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	MPS Part No.	Fig.	L (μH)	IDC Max. (A)	RDC Max. (mΩ)	Price Each		
						1	5	10
<b>4000 Series</b> • Dimensions (mm): A-14.1, B-14.22, C-8.76								
580-40100C	40100C	D	10	3.00	23			
580-40220C	40220C	D	22	2.10	35			
580-40330C	40330C	D	33	1.66	54			
580-40680C	40680C	D	68	1.20	148			
580-40101C	40101C	D	100	0.94	177			
<b>4100 Series</b> • Dimensions (mm): A-16.76, B-17.53, C-9.91								
580-41100C	41100C	D	10	4.70	24			
580-41220C	41220C	D	22	3.30	33			
580-41330C	41330C	D	33	2.70	38			
580-41151C	41151C	D	150	1.16	247			
580-41221C	41221C	D	220	1.03	377			
580-41331C	41331C	D	330	0.83	462			