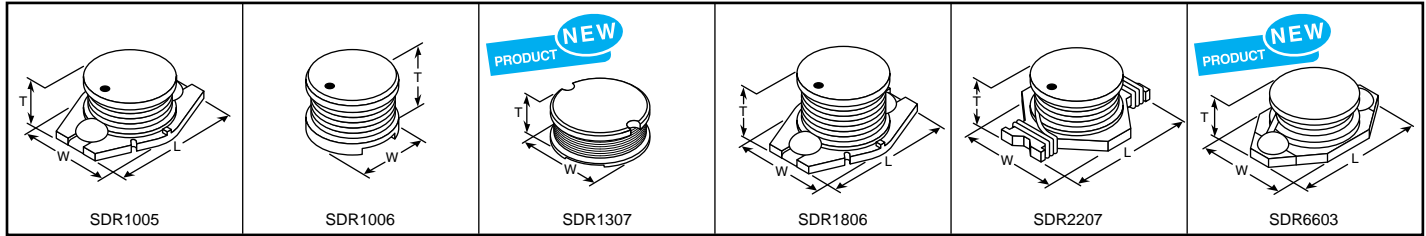


# BOURNS SMD Power Inductors

RoHS Compliant This product is RoHS compliant.



For quantities of 5000 and up, call for quote.

## SDR SERIES LEAD FREE NON-SHIELDED POWER INDUCTORS

### Applications:

- Input/output of DC/DC Converters
- Portable Communication Equipment
- Camcorders
- LCD TVs
- Car Radios



RoHS Compliant

Series	Dimensions: mm (in.)			Price Each		Reel Quantity	Price Per Reel
	Length (L)	Width (W)	Thickness (T)	1	100		
SDR1005	12.7 (.500)	10.0 (.393)	5.0 (.197)			600	
SDR1006	--	ø9.8 (ø.386)	5.8 (.228)			800	
SDR1307	--	ø13.0 (ø.512)	7.0 (.276)			400	
SDR1806	18.3 (.720)	14.0 (.551)	6.6 (.260)			250	
SDR2207	22.0 (.866)	15.0 (.591)	7.0 (.276)			250	
SDR6603	6.60 (.260)	4.45 (.175)	2.92 (.115)			600	

### SDR1005 Series

MOUSER STOCK NO.		Value uF	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.				
652	—SDR1005-1R0ML	1	20	10	137
652	—SDR1005-1R5ML	1.5	50	3	95
652	—SDR1005-3R3ML	3.3	50	4	54
652	—SDR1005-4R7ML	4.7	50	4	42
652	—SDR1005-6R8ML	6.8	50	3	31
652	—SDR1005-100ML	10	50	3	26
652	—SDR1005-150ML	15	50	3	22
652	—SDR1005-220ML	22	40	3	18
652	—SDR1005-330KL	33	25	1	14
652	—SDR1005-470KL	47	25	1	12
652	—SDR1005-680KL	68	25	1	11
652	—SDR1005-101KL	100	30	0.05	8
652	—SDR1005-151KL	150	30	0.05	6
652	—SDR1005-221KL	220	33	0.05	5
652	—SDR1005-331KL	330	33	0.05	4
652	—SDR1005-471KL	470	57	0.05	4
652	—SDR1005-681KL	680	57	0.05	3
652	—SDR1005-102KL	1000	81	0.07	2
652	—SDR1005-152JL	1500	91	0.07	2
652	—SDR1005-222JL	2200	91	0.07	2
652	—SDR1005-332JL	3300	93	0.07	1
652	—SDR1005-472JL	4700	93	0.07	1
652	—SDR1005-682JL	6800	93	0.07	1
652	—SDR1005-103KL	10000	101	0.07	1

### SDR1006 Series

652	—SDR1006-1R5ML	1.5	35	7.96	105
652	—SDR1006-2R2ML	2.2	35	7.96	68
652	—SDR1006-3R3ML	3.3	34	7.96	55
652	—SDR1006-4R7ML	4.7	33	7.96	40
652	—SDR1006-6R8ML	6.8	33	7.96	32
652	—SDR1006-100ML	10	30	2.52	21
652	—SDR1006-150ML	15	30	2.52	16
652	—SDR1006-220ML	22	25	2.52	13
652	—SDR1006-330KL	33	25	2.52	10
652	—SDR1006-470KL	47	20	2.52	8
652	—SDR1006-680KL	68	15	2.52	7
652	—SDR1006-101KL	100	15	0.796	5.2
652	—SDR1006-151KL	150	15	0.796	4.5
652	—SDR1006-221KL	220	12	0.796	3.8
652	—SDR1006-331KL	330	12	0.796	3.2
652	—SDR1006-471KL	470	12	0.796	2.5
652	—SDR1006-681KL	680	12	0.796	2.1
652	—SDR1006-102KL	1000	30	0.252	1.9
652	—SDR1006-152KL	1500	31	0.252	1.7
652	—SDR1006-222KL	2200	31	0.252	1.5
652	—SDR1006-332KL	3300	32	0.252	1.3
652	—SDR1006-472KL	4700	32	0.252	0.8

### SDR1307 Series

652	—SDR1307-1R5ML	1.5	20	7.96	65.0
652	—SDR1307-2R2ML	2.2	22	7.96	50.0
652	—SDR1307-2R7ML	2.7	24	7.96	40.0
652	—SDR1307-3R3ML	3.3	26	7.96	38.0
652	—SDR1307-4R7ML	4.7	25	7.96	36.0
652	—SDR1307-5R6ML	5.6	24	7.96	28.0
652	—SDR1307-6R8ML	6.8	24	7.96	26.0
652	—SDR1307-8R2ML	8.2	24	7.96	24.0
652	—SDR1307-100ML	10	22	2.52	22.0
652	—SDR1307-120ML	12	25	2.52	20.0
652	—SDR1307-220ML	22	40	2.52	15.0
652	—SDR1307-270ML	27	35	2.52	11.0
652	—SDR1307-470KL	47	24	2.52	7.5

### SDR1307 Series (Cont.)

MOUSER STOCK NO.		Value uF	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.				
652	—SDR1307-560KL	56	22	2.52	7.2
652	—SDR1307-680KL	68	24	2.52	7.0
652	—SDR1307-101KL	100	25	0.796	5.8
652	—SDR1307-121KL	120	20	0.796	5.5
652	—SDR1307-151KL	150	20	0.796	4.5
652	—SDR1307-181KL	180	18	0.796	4.0
652	—SDR1307-221KL	220	15	0.796	3.8
652	—SDR1307-271KL	270	15	0.796	3.5
652	—SDR1307-391KL	390	12	0.796	2.5
652	—SDR1307-471KL	470	12	0.796	2.2
652	—SDR1307-561KL	560	10	0.796	2.0
652	—SDR1307-681KL	680	10	0.796	1.6
652	—SDR1307-821KL	820	10	0.796	1.5

### SDR1806 Series

652	—SDR1806-1R0ML	1	21	7.96	100
652	—SDR1806-2R2ML	2.2	22	7.96	55
652	—SDR1806-3R3ML	3.3	22	7.96	40
652	—SDR1806-5R6ML	5.6	23	7.96	30
652	—SDR1806-100ML	10	22	2.52	25
652	—SDR1806-150ML	15	20	2.52	17
652	—SDR1806-220ML	22	22	2.52	13
652	—SDR1806-330ML	33	24	2.52	11
652	—SDR1806-470ML	47	22	2.52	9.0
652	—SDR1806-680ML	68	22	2.52	8.0
652	—SDR1806-101KL	100	25	0.796	7.0
652	—SDR1806-151KL	150	23	0.796	5.0
652	—SDR1806-221KL	220	20	0.796	4.5
652	—SDR1806-331KL	330	18	0.796	3.5
652	—SDR1806-471KL	470	15	0.796	3.0
652	—SDR1806-681KL	680	12	0.796	2.5
652	—SDR1806-102KL	1000	10	0.252	2.0

### SDR2207 Series

652	—SDR2207-3R3ML	3.3	38	3	39
652	—SDR2207-100ML	10	53	5	20
652	—SDR2207-220YL	22	27	3	14
652	—SDR2207-470KL	47	27	3	9.0
652	—SDR2207-101KL	100	18	2	6.2

### SDR6603 Series

652	—SDR6603-1R0M	1.0	20	8	130
652	—SDR6603-1R5M	1.5	19	7.96	115
652	—SDR6603-2R2M	2.2	18	7.96	90
652	—SDR6603-3R3M	3.3	18.5	7.96	70
652	—SDR6603-4R7M	4.7	17	7.96	50
652	—SDR6603-6R8M	6.8	15.5	7.96	45
652	—SDR6603-100M	10	17	2.52	35
652	—SDR6603-150M	15	17	2.52	30
652	—SDR6603-220M	22	16	2.52	20
652	—SDR6603-330M	33	24	2.52	15
652	—SDR6603-470M	47	15	2.52	14
652	—SDR6603-680M	68	18	2.52	11
652	—SDR6603-101M	100	29	0.796	9
652	—SDR6603-151M	150	41	0.796	6
652	—SDR6603-221M	220	33	0.796	5.5
652	—SDR6603-331M	330	42	0.796	5
652	—SDR6603-471M	470	42	0.796	4
652	—SDR6603-681M	680	58	0.796	3
652	—SDR6603-102M	1000	71	0.252	2