

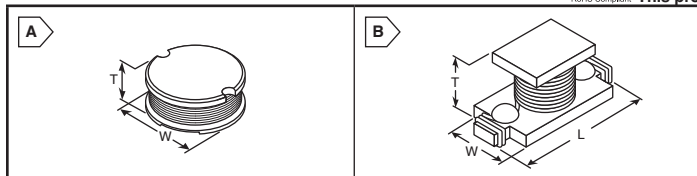
BOURNS SMD Power Inductors

BOURNS®



This product is RoHS compliant.

For quantities greater than listed, call for quote.



Series	DIMENSIONS: mm (in.)			Price Each		Reel Qty.	Price Per Piece
	Length (L)	Width (W)	Thickness (T)	1	100		
SDR0302	2.8 (.110)	3.0 (.118)	2.5 (.098)	.42	.227	2000	.17
SDR0403	4.0 (.157)	4.5 (.177)	3.2 (.126)	.42	.227	2000	.18
SDR0503	4.8 (.189)	5.0 (.197)	3.0 (.118)	.46	.245	500	.21
SDR0603	5.8 (.228)	3.0 (.118)	2.5 (.098)	.42	.22	400	.20
SDR0604	5.8 (.228)	5.8 (.228)	4.8 (.189)	.35	.227	400	.195
SDR0703	6.5 (.256)	4.5 (.177)	2.7 (.106)	.53	.29	500	.26

SDR SERIES LEAD FREE NON-SHIELDED POWER INDUCTORS

Applications:

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

SDR0302 Series

MOUSER STOCK NO.		Fig.	Value (uF)	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	SDR0302-1R0ML	A	1	20	7.96	125
652	SDR0302-1R5ML	A	1.5	23	7.96	95
652	SDR0302-1R8ML	A	1.8	23	7.96	85
652	SDR0302-2R2ML	A	2.2	22	7.96	75
652	SDR0302-2R7ML	A	2.7	22	7.96	72
652	SDR0302-3R3ML	A	3.3	23	7.96	68
652	SDR0302-3R9ML	A	3.9	24	7.96	50
652	SDR0302-4R7ML	A	4.7	18	7.96	45
652	SDR0302-5R6ML	A	5.6	18	7.96	42
652	SDR0302-6R8ML	A	6.8	18	7.96	40
652	SDR0302-8R2ML	A	8.2	16	7.96	35
652	SDR0302-120ML	A	12	15	2.52	33
652	SDR0302-150ML	A	15	20	2.52	32
652	SDR0302-180ML	A	18	18	2.52	28
652	SDR0302-220ML	A	22	23	2.52	22
652	SDR0302-270ML	A	27	23	2.52	20
652	SDR0302-330KL	A	33	20	2.52	18
652	SDR0302-390KL	A	39	24	2.52	18
652	SDR0302-470KL	A	47	23	2.52	17
652	SDR0302-560KL	A	56	18	2.52	16
652	SDR0302-680KL	A	68	24	2.52	14
652	SDR0302-820KL	A	82	24	2.52	12
652	SDR0302-101KL	A	100	40	0.796	10
652	SDR0302-121KL	A	120	40	0.796	10
652	SDR0302-151KL	A	150	38	0.796	9
652	SDR0302-181KL	A	180	45	0.796	8.5
652	SDR0302-221KL	A	220	40	0.796	8
652	SDR0302-271KL	A	270	45	0.796	7
652	SDR0302-331KL	A	330	40	0.796	6
652	SDR0302-391KL	A	390	40	0.796	5.5
652	SDR0302-471KL	A	470	42	0.796	5
652	SDR0302-561KL	A	560	43	0.796	4.8
652	SDR0302-821KL	A	820	45	0.796	4
652	SDR0302-102KL	A	1000	40	.252	3.2
652	SDR0302-122KL	A	1200	40	0.252	3

SDR0403 Series

MOUSER STOCK NO.		Fig.	Value (uF)	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	SDR0403-1R0ML	A	1	28	7.96	150
652	SDR0403-1R4ML	A	1.4	28	7.96	110
652	SDR0403-1R8ML	A	1.8	28	7.96	90
652	SDR0403-2R2ML	A	2.2	28	7.96	80
652	SDR0403-2R7ML	A	2.7	28	7.96	75
652	SDR0403-3R3ML	A	3.3	28	7.96	65
652	SDR0403-3R9ML	A	3.9	28	7.96	55
652	SDR0403-4R7ML	A	4.7	28	7.96	50
652	SDR0403-5R6ML	A	5.6	28	7.96	45
652	SDR0403-6R8ML	A	6.8	28	7.96	40
652	SDR0403-8R2ML	A	8.2	28	7.96	36
652	SDR0403-100ML	A	10	28	2.52	33
652	SDR0403-120ML	A	12	28	2.52	30
652	SDR0403-150ML	A	15	28	2.52	28
652	SDR0403-180ML	A	18	25	2.52	23
652	SDR0403-220ML	A	22	25	2.52	20
652	SDR0403-270KL	A	27	23	2.52	17
652	SDR0403-330KL	A	33	23	2.52	15
652	SDR0403-390KL	A	39	20	2.52	14
652	SDR0403-470KL	A	47	20	2.52	13
652	SDR0403-560KL	A	56	20	2.52	12
652	SDR0403-680KL	A	68	20	2.52	11
652	SDR0403-101KL	A	100	35	0.796	9
652	SDR0403-121KL	A	120	50	0.796	4
652	SDR0403-151KL	A	150	45	0.796	3
652	SDR0403-181KL	A	180	40	0.796	3
652	SDR0403-221KL	A	220	40	0.796	2.8
652	SDR0403-271KL	A	270	45	0.796	2.8
652	SDR0403-331KL	A	330	40	0.796	2.8
652	SDR0403-471KL	A	470	50	0.796	3
652	SDR0403-561KL	A	560	50	0.796	2.8
652	SDR0403-681KL	A	680	40	0.796	2.8
652	SDR0403-102KL	A	1000	38	0.796	2

SDR0503 Series

MOUSER STOCK NO.		Fig.	Value (uF)	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	SDR0503-100ML	A	10	10	2.52	30
652	SDR0503-120ML	A	12	20	2.52	29
652	SDR0503-150ML	A	15	20	2.52	27
652	SDR0503-180ML	A	18	20	2.52	24
652	SDR0503-220ML	A	22	20	2.52	22
652	SDR0503-270ML	A	27	20	2.52	20
652	SDR0503-330KL	A	33	15	2.52	18
652	SDR0503-390KL	A	39	15	2.52	17
652	SDR0503-470KL	A	47	20	2.52	14
652	SDR0503-680KL	A	68	20	2.52	12
652	SDR0503-820KL	A	82	15	2.52	10
652	SDR0503-121KL	A	120	40	0.796	8
652	SDR0503-151KL	A	150	40	0.796	7
652	SDR0503-181KL	A	180	40	0.796	7
652	SDR0503-271KL	A	270	35	0.796	6
652	SDR0503-331KL	A	330	30	0.796	5
652	SDR0503-471KL	A	470	30	0.796	5
652	SDR0503-561KL	A	560	30	0.796	4
652	SDR0503-102KL	A	1000	40	0.252	3
652	SDR0503-152JL	A	1500	40	0.252	2
652	SDR0503-182JL	A	1800	40	0.252	2
652	SDR0503-222JL	A	2200	40	0.252	2
652	SDR0503-272JL	A	2700	40	0.252	2
652	SDR0503-332JL	A	3300	40	0.252	2
652	SDR0503-472JL	A	4700	40	0.252	1
652	SDR0503-562JL	A	5600	40	0.252	1
652	SDR0503-682JL	A	6800	40	0.252	1
652	SDR0503-822JL	A	8200	40	0.252	1
652	SDR0503-103JL	A	10000	30	0.0796	1

SDR0603 Series

MOUSER STOCK NO.		Fig.	Value (uF)	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	SDR0603-271KL	A	270	26	0.796	5
652	SDR0603-391KL	A	390	28	0.796	4

SDR0604 Series

MOUSER STOCK NO.		Fig.	Value (uF)	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	SDR0604-100ML	A	10	30	2.52	23
652	SDR0604-120ML	A	12	30	2.52	22
652	SDR0604-150YL	A	15	30	2.52	20
652	SDR0604-180YL	A	18	30	2.52	18
652	SDR0604-220YL	A	22	30	2.52	16
652	SDR0604-270YL	A	27	28	2.52	14
652	SDR0604-330KL	A	33	24	2.52	13
652	SDR0604-390KL	A	39	24	2.52	13
652	SDR0604-470KL	A	47	22	2.52	12
652	SDR0604-560KL	A	56	22	2.52	11
652	SDR0604-680KL	A	68	22	2.52	10
652	SDR0604-820KL	A	82	20	2.52	9
652	SDR0604-101KL	A	100	20	0.796	9
652	SDR0604-121KL	A	120	22	0.796	7
652	SDR0604-151KL	A	150	20	0.796	6
652	SDR0604-181KL	A	180	20	0.796	6
652	SDR0604-221KL	A	220	20	0.796	6
652	SDR0604-331KL	A	330	25	0.796	3
652	SDR0604-681KL	A	680	26	0.252	2

SDR0703 Series

MOUSER STOCK NO.		Fig.	Value (uF)	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	SDR0703-1R0ML	B	1	25	7.96	160
652	SDR0703-1R8ML	B	1.8	25	7.96	105
652	SDR0703-2R2ML	B	2.2	24	7.96	95
652	SDR0703-2R7ML	B	2.7	23	7.96	80
652	SDR0703-3R3ML	B	3.3	23	7.96	65
652	SDR0703-3R9ML	B	3.9	22	7.96	70
652	SDR0703-4R7ML	B	4.7	20	7.96	60
652	SDR0703-5R6ML	B	5.6	20	7.96	56