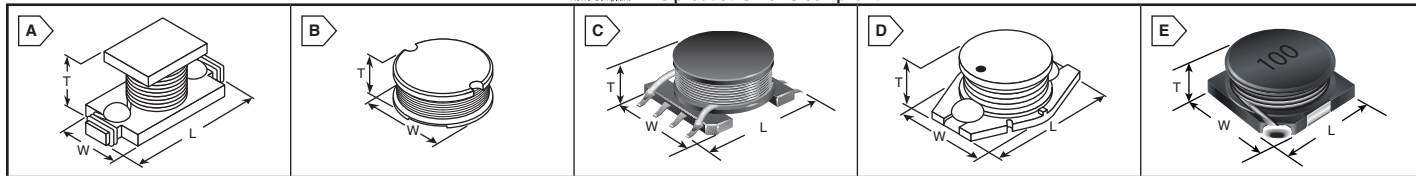


BOURNS SMD Power Inductors

RoHS Compliant This product is RoHS compliant.



SDR SERIES LEAD FREE NON-SHIELDED POWER INDUCTORS

Applications:

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

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		
SDR0703	6.5 (.256)	4.5 (.177)	2.7 (.106)	.53	.29	500	.26
SDR0805	7.8 (.307)	7.8 (.307)	5.3 (.209)	.44	.28	1000	.216
SDR0906	12.5 (.492)	10.5 (.413)	6.3 (.248)	.75	.40	600	.37
SDR1005	12.7 (.500)	10.0 (.393)	5.0 (.197)	.62	.33	600	.29
SDR1006	- -	9.8 (.386)	5.8 (.228)	.65	.35	800	.29
SDR1045	10.0 (.394)	10.0 (.394)	4.5 (.177)	.75	.40	700	.37

SDR0703 Series (Cont.)

MOUSER STOCK NO.		Fig.	Value uF	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	—SDR0703-6R8ML	A	6.8	20	7.96	45
652	—SDR0703-8R2ML	A	8.2	20	7.96	40
652	—SDR0703-100KL	A	10	23	2.52	36
652	—SDR0703-120KL	A	12	20	2.52	36
652	—SDR0703-150KL	A	15	23	2.52	30
652	—SDR0703-220KL	A	22	20	2.52	26
652	—SDR0703-330KL	A	33	17	2.52	20
652	—SDR0703-470KL	A	47	20	2.52	15
652	—SDR0703-560KL	A	56	20	2.52	13
652	—SDR0703-680KL	A	68	18	2.52	13
652	—SDR0703-820KL	A	82	18	2.52	12
652	—SDR0703-101KL	A	100	33	0.796	11
652	—SDR0703-151KL	A	150	30	0.796	9
652	—SDR0703-221KL	A	220	31	0.796	7
652	—SDR0703-271KL	A	270	30	0.796	7
652	—SDR0703-331KL	A	330	33	0.796	6
652	—SDR0703-391KL	A	390	36	0.796	5.5
652	—SDR0703-471KL	A	470	33	0.796	5
652	—SDR0703-561KL	A	560	36	0.796	4
652	—SDR0703-681KL	A	680	32	0.796	4
652	—SDR0703-821KL	A	820	32	0.796	3.6
652	—SDR0703-102KL	A	1000	30	0.252	3.2

SDR1005 Series

MOUSER STOCK NO.		Fig.	Value uF	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	—SDR1005-R68ML	D	0.68	26	7.960	160
652	—SDR1005-1R0ML	D	1	20	10	137
652	—SDR1005-1R5ML	D	1.5	50	3	95
652	—SDR1005-2R5ML	D	2.5	49	3	56
652	—SDR1005-3R3ML	D	3.3	50	4	54
652	—SDR1005-4R7ML	D	4.7	50	4	42
652	—SDR1005-6R8ML	D	6.8	50	3	31
652	—SDR1005-100ML	D	10	50	3	26
652	—SDR1005-150ML	D	15	50	3	22
652	—SDR1005-220ML	D	22	40	3	18
652	—SDR1005-330KL	D	33	25	1	14
652	—SDR1005-470KL	D	47	25	1	12
652	—SDR1005-680KL	D	68	25	1	11
652	—SDR1005-101KL	D	100	30	0.05	8
652	—SDR1005-151KL	D	150	30	0.05	6
652	—SDR1005-221KL	D	220	33	0.05	5
652	—SDR1005-331KL	D	330	33	0.05	4
652	—SDR1005-471KL	D	470	57	0.05	4
652	—SDR1005-681KL	D	680	57	0.05	3
652	—SDR1005-102KL	D	1000	81	0.07	2
652	—SDR1005-152KL	D	1500	97	0.131	2
652	—SDR1005-222KL	D	2200	85	0.128	2
652	—SDR1005-222JL	D	2200	91	0.07	2
652	—SDR1005-332JL	D	3300	93	0.07	1
652	—SDR1005-332KL	D	3300	106	0.128	1
652	—SDR1005-472JL	D	4700	93	0.07	1
652	—SDR1005-682KL	D	6800	105	0.171	1
652	—SDR1005-822KL	D	8200	102	0.145	1
652	—SDR1005-103KL	D	10000	101	0.07	1

SDR0805 Series

MOUSER STOCK NO.		Fig.	Value uF	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	—SDR0805-1R5ML	B	1.5	32	7.96	120
652	—SDR0805-2R5ML	B	2.5	32	7.96	70
652	—SDR0805-3R3ML	B	3.3	32	7.96	55
652	—SDR0805-4R7ML	B	4.7	31	7.96	38
652	—SDR0805-5R6ML	B	5.6	31	7.96	34
652	—SDR0805-6R8ML	B	6.8	30	7.96	33
652	—SDR0805-7R5ML	B	7.5	29	7.96	30
652	—SDR0805-100ML	B	10	25	2.52	22
652	—SDR0805-120ML	B	12	25	2.52	20
652	—SDR0805-150ML	B	15	25	2.52	16
652	—SDR0805-180ML	B	18	20	2.52	15
652	—SDR0805-220ML	B	22	20	2.52	13
652	—SDR0805-270KL	B	27	20	2.52	12
652	—SDR0805-330KL	B	33	15	2.52	10
652	—SDR0805-390KL	B	39	15	2.52	10
652	—SDR0805-470KL	B	47	15	2.52	9
652	—SDR0805-560KL	B	56	15	2.52	9
652	—SDR0805-680KL	B	68	15	2.52	8
652	—SDR0805-820KL	B	82	12	2.52	7
652	—SDR0805-101KL	B	100	12	0.796	7
652	—SDR0805-121KL	B	120	12	0.796	6
652	—SDR0805-151KL	B	150	12	0.796	6
652	—SDR0805-181KL	B	180	12	0.796	5
652	—SDR0805-221KL	B	220	12	0.796	5
652	—SDR0805-271KL	B	270	12	0.796	5
652	—SDR0805-331KL	B	330	12	0.796	4
652	—SDR0805-391KL	B	390	12	0.796	4
652	—SDR0805-471KL	B	470	12	0.796	4
652	—SDR0805-122KL	B	1200	28	0.252	2
652	—SDR0805-152KL	B	1500	27	0.252	2
652	—SDR0805-182KL	B	1800	30	0.252	2
652	—SDR0805-392KL	B	3900	28	0.252	1

SDR1006 Series

652	—SDR1006-1R5ML	B	1.5	35	7.96	105
652	—SDR1006-3R3ML	B	3.3	34	7.96	55
652	—SDR1006-4R7ML	B	4.7	33	7.96	40
652	—SDR1006-6R8ML	B	6.8	33	7.96	32
652	—SDR1006-100ML	B	10	30	2.52	21
652	—SDR1006-120ML	B	12	30	2.52	20
652	—SDR1006-150ML	B	15	30	2.52	16
652	—SDR1006-180ML	B	18	30	2.52	15
652	—SDR1006-220ML	B	22	25	2.52	13
652	—SDR1006-270KL	B	27	25	2.52	11
652	—SDR1006-330KL	B	33	25	2.52	10
652	—SDR1006-390KL	B	39	20	2.52	9
652	—SDR1006-470KL	B	47	20	2.52	8
652	—SDR1006-560KL	B	56	20	2.52	7.5
652	—SDR1006-680KL	B	68	15	2.52	7
652	—SDR1006-820KL	B	82	15	2.52	6
652	—SDR1006-101KL	B	100	15	0.796	5.2
652	—SDR1006-121KL	B	120	15	0.796	5
652	—SDR1006-151KL	B	150	15	0.796	4.5
652	—SDR1006-181KL	B	180	12	0.796	4
652	—SDR1006-221KL	B	220	12	0.796	3.8
652	—SDR1006-271KL	B	270	12	0.796	3.5
652	—SDR1006-331KL	B	330	12	0.796	3.2
652	—SDR1006-391KL	B	390	12	0.796	3.0
652	—SDR1006-471KL	B	470	12	0.796	2.5
652	—SDR1006-561KL	B	560	12	.796	2.3
652	—SDR1006-681KL	B	680	12	0.796	2.1
652	—SDR1006-102KL	B	1000	30	0.252	1.9
652	—SDR1006-222KL	B	2200	31	0.252	1.5
652	—SDR1006-332KL	B	3300	32	0.252	1.3
652	—SDR1006-472KL	B	4700	32	0.252	0.8

SDR0906 Series

MOUSER STOCK NO.		Fig.	Value uF	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	—SDR0906-121KL	C	120	15	0.796	8

SDR1045 Series

MOUSER STOCK NO.		Fig.	Value uF	Q (min.)	Test Freq. (MHz)	SRF MHz (min.)
Mfr.	Mfr. Part No.					
652	—SDR1045-102K	E	1000	25	0.252	2.9