

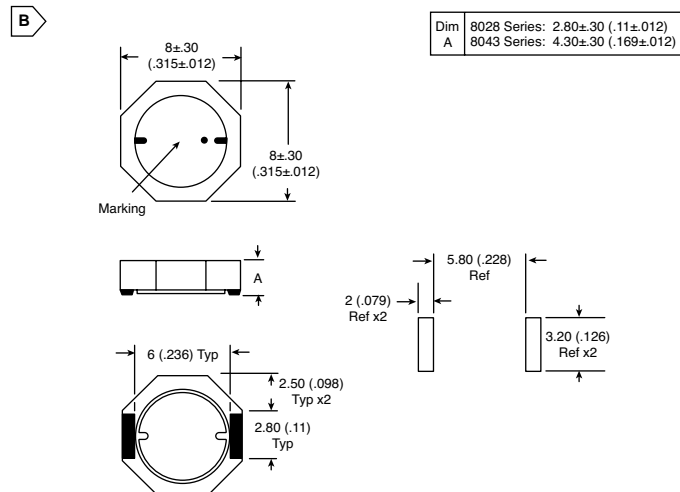
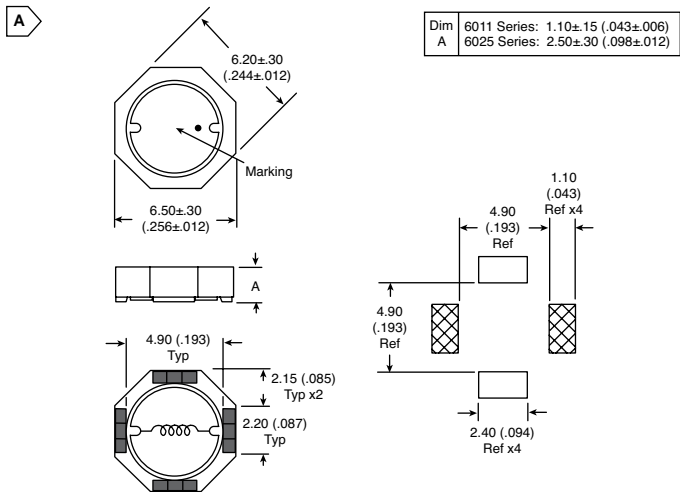
BOURNS Shielded SMD Power Inductors

BOURNS



This product is RoHS compliant.

DIMENSIONS: mm (in.)



SERIES: SRU6011, SRU6025, SRU8028, SRU8043

Applications:

- Input/output of DC/DC converters
- Power supplies for portable communication equipment, camcorders, LDS TVs, and car radios

Specifications:

- Test voltage: 1V
- Reflow soldering: 230°C, 50 sec. max.
- Operating temperature: -40°C to +125°C
- Storage temperature: -40°C to +125°C
- Resistance to soldering heat: 260°C for 10 sec.

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Fig.	Inductance 100KHz uH	Q Ref.	Test Frequency (MHz)	SRF Min. (MHz)	RDC (mΩ)	I rms Max. (A)	I sat Typ. (A)	Price Each		Reel Quantity	Reel Price Each
										1	100		
SRU6011 Series													
652-SRU6011-1R4Y	SRU6011-1R4Y	A	1.4	8	7.96	140	40	2.60	1.80			1000	
652-SRU6011-4R7Y	SRU6011-4R7Y	A	4.7	8	7.96	70	86	1.80	1.10			1000	
652-SRU6011-100Y	SRU6011-100Y	A	10.0	12	2.52	45	220	1.10	0.72			1000	
652-SRU6011-220Y	SRU6011-220Y	A	22.0	10	2.52	26	390	0.80	0.48			1000	
652-SRU6011-470Y	SRU6011-470Y	A	47.0	10	2.52	20	850	0.55	0.32			1000	
652-SRU6011-680Y	SRU6011-680Y	A	68.0	12	2.52	18	1200	0.46	0.28			1000	
SRU6025 Series													
652-SRU6025-1R2Y	SRU6025-1R2Y	A	1.2	8	7.96	120	19	4.00	3.20			600	
652-SRU6025-2R2Y	SRU6025-2R2Y	A	2.2	8	7.96	65	24	3.40	2.35			600	
652-SRU6025-3R3Y	SRU6025-3R3Y	A	3.3	8	7.96	50	27	3.20	2.00			600	
652-SRU6025-4R7Y	SRU6025-4R7Y	A	4.7	8	7.96	42	35	2.70	1.55			600	
652-SRU6025-6R8Y	SRU6025-6R8Y	A	6.8	8	7.96	36	42	2.40	1.30			600	
652-SRU6025-8R2Y	SRU6025-8R2Y	A	8.2	8	7.96	30	52	2.20	1.25			600	
652-SRU6025-100Y	SRU6025-100Y	A	10.0	8	7.96	25	57	2.00	1.05			600	
652-SRU6025-150Y	SRU6025-150Y	A	15.0	12	2.52	22	86	1.80	0.92			600	
652-SRU6025-220Y	SRU6025-220Y	A	22.0	12	2.52	18	130	1.60	0.70			600	
652-SRU6025-330Y	SRU6025-330Y	A	33.0	12	2.52	12	180	1.20	0.64			600	
652-SRU6025-470Y	SRU6025-470Y	A	47.0	12	2.52	10	250	1.00	0.48			600	
652-SRU6025-680Y	SRU6025-680Y	A	68.0	10	2.52	8	365	0.80	0.40			600	
652-SRU6025-101Y	SRU6025-101Y	A	100.0	24	2.52	7	500	0.70	0.35			600	
652-SRU6025-151Y	SRU6025-151Y	A	150.0	30	2.52	5	770	0.54	0.28			600	
652-SRU6025-221Y	SRU6025-221Y	A	220.0	20	2.52	4	1250	0.42	0.24			600	
SRU8028 Series													
652-SRU8028-2R5Y	SRU8028-2R5Y	B	2.5	15	7.96	65	13.6	4.50	4.20			1500	
652-SRU8028-3R3Y	SRU8028-3R3Y	B	3.3	12	7.96	60	17.5	3.60	3.50			1500	
652-SRU8028-4R7Y	SRU8028-4R7Y	B	4.7	15	7.96	50	20.0	3.70	3.20			1500	
652-SRU8028-6R8Y	SRU8028-6R8Y	B	6.8	13	7.96	40	34.0	2.80	2.50			1500	
652-SRU8028-100Y	SRU8028-100Y	B	10.0	22	2.52	35	45.0	2.60	2.20			1500	
652-SRU8028-150Y	SRU8028-150Y	B	15.0	20	2.52	25	66.0	2.00	1.70			1500	
652-SRU8028-220Y	SRU8028-220Y	B	22.0	22	2.52	20	106	1.60	1.50			1500	
652-SRU8028-330Y	SRU8028-330Y	B	33.0	20	2.52	15	147	1.30	1.10			1500	
652-SRU8028-470Y	SRU8028-470Y	B	47.0	14	2.52	12	177	1.20	1.00			1500	
652-SRU8028-680Y	SRU8028-680Y	B	68.0	23	2.52	9	317	0.85	0.80			1500	
652-SRU8028-101Y	SRU8028-101Y	B	100.0	35	0.796	8	390	0.75	0.70			1500	
SRU8043 Series													
652-SRU8043-2R2Y	SRU8043-2R2Y	B	2.2	15	7.96	65	11.2	5.40	5.20			1000	
652-SRU8043-3R9Y	SRU8043-3R9Y	B	3.9	15	7.96	42	14.6	4.80	4.00			1000	
652-SRU8043-4R7Y	SRU8043-4R7Y	B	4.7	13	7.96	36	17.0	4.60	3.60			1000	
652-SRU8043-6R8Y	SRU8043-6R8Y	B	6.8	12	7.96	30	22.4	3.80	3.10			1000	
652-SRU8043-100Y	SRU8043-100Y	B	10.0	27	2.52	20	30.0	3.50	2.70			1000	
652-SRU8043-150Y	SRU8043-150Y	B	15.0	26	2.52	15	46.0	2.70	2.00			1000	
652-SRU8043-220Y	SRU8043-220Y	B	22.0	24	2.52	12	72.5	2.20	1.70			1000	
652-SRU8043-330Y	SRU8043-330Y	B	33.0	21	2.52	11	100.0	1.70	1.40			1000	
652-SRU8043-470Y	SRU8043-470Y	B	47.0	21	2.52	9	120.0	1.50	1.20			1000	
652-SRU8043-680Y	SRU8043-680Y	B	68.0	20	2.52	7	192.0	1.20	1.00			1000	
652-SRU8043-101Y	SRU8043-101Y	B	100.0	50	0.796	6	287.0	1.00	0.80			1000	

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