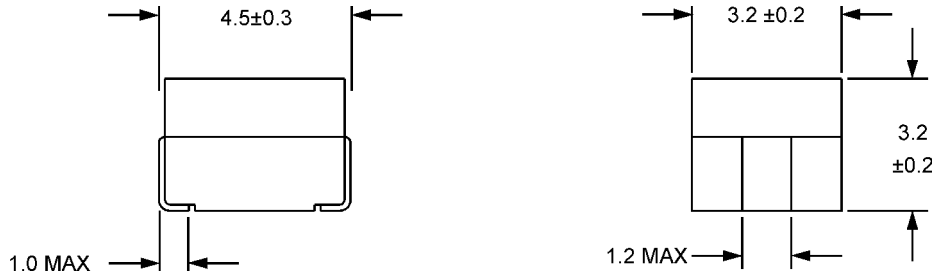


JOYOUS INDUCTOR

JSRW1812 Wire Wound Chip



GENERAL SPECIFICATIONS

Inductance Range	0.10μH to 1000μH
Tolerance	20%, 10%, or 5%
Test Frequency	25.2MHz over 0.10μH to 0.82μH, 7.96MHz over 1.0μH to 8.2μH 2.52MHz over 10μH to 82μH, 0.796MHz over 100μH to 820μH 0.252MHz at 1000μH
Operating Temperature	-25°C to +100°C
Construction	Molded Epoxy

SPECIFICATIONS

L Code	L (μH)	Q (Min)	SRF Min (MHz)	DCR Max (Ω)	IDC Max (mA)	L Code	L (μH)	Q (Min)	SRF Min (MHz)	DCR Max (Ω)	IDC Max (mA)
R10	0.10	35	300	0.18	800	120	12	50	18	2.00	225
R12	0.12	35	280	0.20	770	150	15	50	17	2.50	200
R15	0.15	35	250	0.22	730	180	18	50	15	2.80	190
R18	0.18	35	220	0.24	700	220	22	50	13	3.20	180
R22	0.22	40	200	0.25	665	270	27	50	12	3.60	170
R27	0.27	40	180	0.26	635	330	33	50	11	4.00	160
R33	0.33	40	165	0.28	605	390	39	50	10	4.50	150
R39	0.39	40	150	0.30	575	470	47	50	10	5.00	140
R47	0.47	40	145	0.32	545	560	56	50	9	5.50	135
R56	0.56	40	140	0.36	520	680	68	50	9	6.00	130
R68	0.68	40	135	0.40	500	820	82	50	8	7.00	120
R82	0.82	40	130	0.45	475	101	100	40	8	8.00	110
1R0	1.0	50	100	0.50	450	121	120	40	6	8.00	110
1R2	1.2	50	80	0.55	430	151	150	40	5	9.00	105
1R5	1.5	50	70	0.60	410	181	180	40	5	9.50	102
1R8	1.8	50	60	0.65	390	221	220	40	4	10.00	100
2R2	2.2	50	55	0.70	380	271	270	40	4	12.00	92
2R7	2.7	50	50	0.75	370	331	330	40	3.5	14.00	85
3R3	3.3	50	45	0.80	355	391	390	40	3	18.00	80
3R9	3.9	50	40	0.90	330	471	470	40	3	26.00	62
4R7	4.7	50	35	1.00	315	561	560	30	3	30.00	50
5R6	5.6	50	33	1.10	300	681	680	30	3	30.00	50
6R8	6.8	50	27	1.20	285	821	820	30	2.5	35.00	30
8R2	8.2	50	25	1.40	270	102	1000	30	2.5	40.00	30
100	10	50	20	1.60	250						

PART NUMBERING GUIDE

JSRW1812	-	1R0	M	TR
SERIES		INDUCTANCE CODE	INDUCTANCE TOLERANCE	PACKAGING
JSRW1812			M=20% K=10% J=5%	Blank=Bulk TR=Tape and Reel