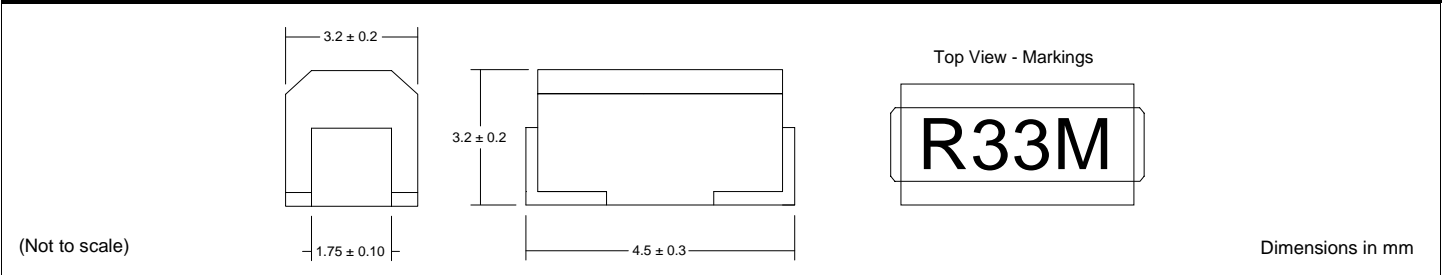
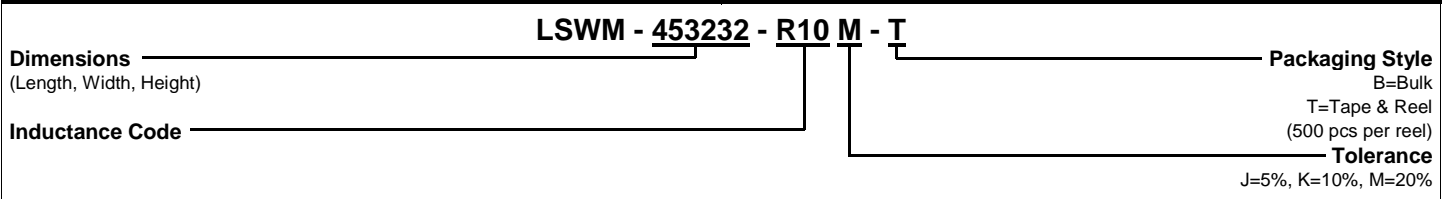


# Wound Molded Chip Inductor (LSWM-453232 Series)

## Dimensions



## Part Numbering Guide



## Features

<b>Inductance Range</b>	0.10 $\mu$ H to 1000 $\mu$ H
<b>Tolerance</b>	5%, 10%, 20%
<b>Construction</b>	Heat resistant resin with metal terminals

## Electrical Specifications

L Code	L ( $\mu$ H)	Q Min	LQ Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ohms)	IDC Max (mA)	L Code	L ( $\mu$ H)	Q Min	LQ Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ohms)	IDC Max (mA)
R10	0.10	28	25.20	700	0.44	450	120	12	50	2.520	18	2.00	225
R12	0.12	30	25.20	500	0.22	450	150	15	50	2.520	17	2.50	200
R15	0.15	30	25.20	450	0.25	450	180	18	50	2.520	16	2.80	190
R18	0.18	30	25.20	400	0.28	450	220	22	50	2.520	13	3.20	180
R22	0.22	30	25.20	350	0.32	450	270	27	50	2.520	12	3.60	170
R27	0.27	30	25.20	320	0.36	450	330	33	50	2.520	11	4.00	160
R33	0.33	30	25.20	300	0.40	450	390	39	50	2.520	10	4.50	150
R39	0.39	30	25.20	350	0.45	450	470	47	50	2.520	10	5.00	140
R47	0.47	30	25.20	220	0.50	450	560	56	50	2.520	9	5.50	135
R56	0.56	30	25.20	180	0.55	450	680	68	50	2.520	9	6.00	130
R68	0.68	30	25.20	160	0.60	450	820	82	50	2.520	8	7.00	120
R82	0.82	30	25.20	140	0.67	450	101	100	40	0.796	7	8.00	110
1R0	1.00	50	7.960	100	0.50	450	121	120	40	0.796	6	8.00	110
1R3	1.20	50	7.960	80	0.55	430	151	150	40	0.796	5	9.00	105
1R5	1.50	50	7.960	70	0.60	410	181	180	40	0.796	5	9.50	102
1R8	1.80	50	7.960	60	0.65	390	221	220	40	0.796	4	12.0	100
2R2	2.20	50	7.960	55	0.70	380	271	270	30	0.796	3	18.0	92
2R7	2.70	50	7.960	50	0.75	370	331	330	30	0.796	3	20.0	85
3R3	3.30	50	7.960	45	0.80	355	391	390	30	0.796	3	23.0	80
3R9	3.90	50	7.960	40	0.90	330	471	470	30	0.796	3	26.0	62
4R7	4.70	50	7.960	35	1.00	315	561	560	30	0.796	2	30.0	50
5R6	5.60	50	7.960	33	1.10	300	681	680	30	0.796	2	40.0	50
6R8	9.80	50	7.960	27	1.20	285	821	820	30	0.796	2	45.0	30
8R2	8.20	50	7.960	25	1.40	270	102	1000	30	0.796	2	50.0	30
100	10	50	2.520	20	1.60	250							

Specifications subject to change without notice. Rev. 10/00