

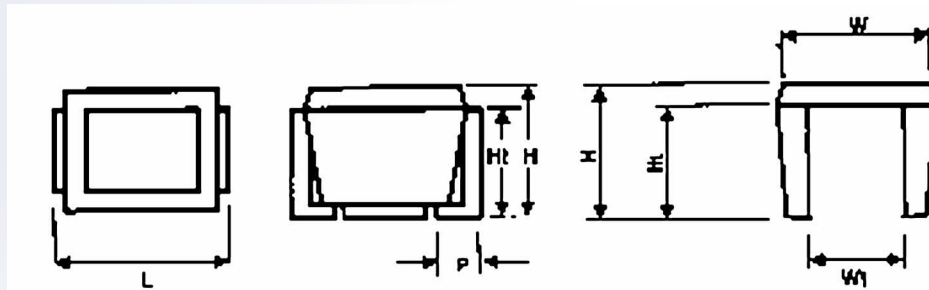
# Molded Wire Wound Chip

Surface Mount

ADWISM-322522 and ADWISM-453232 Series



## ADWISM-322522 & ADWISM-453232



### SPECIFICATIONS

SIZE	LENGTH (L) (inch) mm	WIDTH (W) (inch) mm	WIDTH (WT) (inch) mm	HEIGHT (H) (inch) mm	HEIGHT (HT) (inch) mm	P (inch) mm
ADWISM-322522	.126 ±.008 3.2 ±0.2	.098 ±.008 2.5 ±0.2	.067 ±.004 1.7 ±0.1	.087 ±.008 2.2 ±0.2	.075 ±.004 1.9 ±0.1	.02 nominal .50 nominal
ADWISM-453232	.180 ±.0008 4.5 ±0.2	.126 ±.0008 3.2 ±0.2	.048 ±.0004 1.2 ±0.2	.126 ±.0008 3.2 ±0.2		

### STANDARD SPECIFICATIONS

PACKAGE TYPE	INDUCTANCE ( $\mu$ H)	INDUCTANCE TOLERANCE (%)			QUALITY FACTOR min. (MHz)	SRF RESONANT min. (MHz)	DC RESISTANCE max. ( $\Omega$ )	ALLOWABLE DC CURRENT max. (mA)	MEAS. FREQUENCY (MHz)
		M	K	J					
ADWISM-322522-005□ - T	0.005	±20			11	2700	0.12	450	100
ADWISM-322522-010□ - T	0.010	±20	±10		15	2500	0.13	450	100
ADWISM-322522-012□ - T	0.012	±20	±10		17	2300	0.14	450	100
ADWISM-322522-015□ - T	0.015	±20	±10		19	2100	0.16	450	100
ADWISM-322522-018□ - T	0.018	±20	±10		21	1900	0.18	450	100
ADWISM-322522-022□ - T	0.022	±20	±10		23	1700	0.20	450	100
ADWISM-322522-027□ - T	0.027	±20	±10		23	1500	0.22	450	100
ADWISM-322522-033□ - T	0.033	±20	±10	±5	25	1400	0.24	450	100
ADWISM-322522-039□ - T	0.039	±20	±10	±5	25	1300	0.27	450	100
ADWISM-322522-047□ - T	0.047	±20	±10	±5	26	1200	0.30	450	100
ADWISM-322522-056□ - T	0.056	±20	±10	±5	26	1100	0.33	450	100
ADWISM-322522-068□ - T	0.068	±20	±10	±5	27	1000	0.36	450	100
ADWISM-322522-082□ - T	0.082	±20	±10	±5	27	900	0.40	450	100
ADWISM-322522-R10□ - T	0.10	±20	±10	±5	28	700	0.44	450	100
ADWISM-322522-R12□ - T	0.12	±20	±10	±5	30	500	0.22	450	25.2
ADWISM-322522-R15□ - T	0.15	±20	±10	±5	30	450	0.25	450	25.2
ADWISM-322522-R18□ - T	0.18	±20	±10	±5	30	400	0.28	450	25.2



# Molded Wire Wound Chip

Surface Mount ADWISM-322522 and ADWISM-453232 Series — Continued

## STANDARD SPECIFICATIONS

PACKAGE TYPE	INDUCTANCE ( $\mu$ H )	INDUCTANCE TOLERANCE (%)			QUALITY FACTOR min. (MHz)	SRF RESONANT min. (MHz)	DC RESISTANCE max. ( $\Omega$ )	ALLOWABLE DC CURRENT max. (mA)	MEAS. FREQUENCY (MHz)
		M	K	J					
ADWISM-322522-R22□ - T	0.22	±20	±10	±5	30	350	0.32	450	25.2
ADWISM-322522-R27□ - T	0.27	±20	±10	±5	30	320	0.36	450	25.2
ADWISM-322522-R33□ - T	0.33	±20	±10	±5	30	300	0.40	450	25.2
ADWISM-322522-R39□ - T	0.39	±20	±10	±5	30	250	0.45	450	25.2
ADWISM-322522-R47□ - T	0.47	±20	±10	±5	30	220	0.50	450	25.2
ADWISM-322522-R56□ - T	0.56	±20	±10	±5	30	180	0.55	450	25.2
ADWISM-322522-R68□ - T	0.68	±20	±10	±5	30	160	0.60	450	25.2
ADWISM-322522-R82□ - T	0.82	±20	±10	±5	30	140	0.65	450	25.2
ADWISM-322522-1R0□ - T	1.0		±10	±5	30	120	0.70	400	7.96
ADWISM-322522-1R2□ - T	1.2		±10	±5	30	100	0.75	390	7.96
ADWISM-322522-1R5□ - T	1.5		±10	±5	30	85	0.85	370	7.96
ADWISM-322522-1R8□ - T	1.8		±10	±5	30	80	0.90	350	7.96
ADWISM-322522-2R2□ - T	2.2		±10	±5	30	75	1.0	320	7.96
ADWISM-322522-2R7□ - T	2.7		±10	±5	30	70	1.1	290	7.96
ADWISM-322522-3R3□ - T	3.3		±10	±5	30	60	1.2	260	7.96
ADWISM-322522-3R9□ - T	3.9		±10	±5	30	55	1.3	250	7.96
ADWISM-322522-4R7□ - T	4.7		±10	±5	30	50	1.5	220	7.96
ADWISM-322522-5R6□ - T	5.6		±10	±5	30	47	1.6	200	7.96
ADWISM-322522-6R8□ - T	6.8		±10	±5	30	43	1.8	180	7.96
ADWISM-322522-8R2□ - T	8.2		±10	±5	30	40	2.0	170	7.96
ADWISM-322522-100□ - T	10		±10	±5	30	36	2.1	150	2.52
ADWISM-322522-120□ - T	12		±10	±5	30	33	2.5	140	2.52
ADWISM-322522-150□ - T	15		±10	±5	30	30	2.8	130	2.52
ADWISM-322522-180□ - T	18		±10	±5	30	27	3.3	120	2.52
ADWISM-322522-220□ - T	22		±10	±5	30	25	3.7	110	2.52
ADWISM-322522-270□ - T	27		±10	±5	30	20	5.0	80	2.52
ADWISM-322522-330□ - T	33		±10	±5	30	17	5.6	70	2.52
ADWISM-322522-390□ - T	39		±10	±5	30	16	6.4	65	2.52
ADWISM-322522-470□ - T	47		±10	±5	30	15	7.0	60	2.52
ADWISM-322522-560□ - T	56		±10	±5	30	13	8.0	55	2.52
ADWISM-322522-680□ - T	68		±10	±5	30	12	9.0	50	2.52
ADWISM-322522-820□ - T	82		±10	±5	30	11	10	45	2.52
ADWISM-322522-101□ - T	100		±10	±5	20	10	10	40	0.796
ADWISM-322522-121□ - T	120		±10	±5	20	10	11	70	0.796
ADWISM-322522-151□ - T	150		±10	±5	20	8	15	65	0.796
ADWISM-322522-181□ - T	180		±10	±5	20	7	17	60	0.796
ADWISM-322522-221□ - T	220		±10	±5	20	7	21	50	0.796
ADWISM-322522-271□ - T	270		±10	±5	20	6	28	50	0.796
ADWISM-322522-331□ - T	330		±10	±5	20	5	34	50	0.796
ADWISM-453232-R10□ - T	0.10	±20			35	300	0.18	800	25.2
ADWISM-453232-R12□ - T	0.12	±20			35	280	0.20	770	25.2
ADWISM-453232-R15□ - T	0.15	±20			35	250	0.22	730	25.2
ADWISM-453232-R18□ - T	0.18	±20			35	220	0.24	700	25.2
ADWISM-453232-R22□ - T	0.22	±20			40	200	0.25	665	25.2
ADWISM-453232-R27□ - T	0.27	±20			40	180	0.26	635	25.2
ADWISM-453232-R33□ - T	0.33	±20			40	165	0.28	605	25.2
ADWISM-453232-R39□ - T	0.39	±20			40	150	0.30	575	25.2
ADWISM-453232-R47□ - T	0.47	±20			40	145	0.32	545	25.2
ADWISM-453232-R56□ - T	0.56	±20			40	140	0.36	520	25.2
ADWISM-453232-R68□ - T	0.68	±20			40	135	0.40	500	25.2
ADWISM-453232-R82□ - T	0.82	±20			40	130	0.45	475	25.2

<sup>1</sup>Impedance is measured in HP-4286A LCR meter with HP-16192 fixture. <sup>2</sup>RDC is measured in HP-4338B milliohmeter. <sup>3</sup>For 15°C rise.

# Molded Wire Wound Chip

Surface Mount ADWISM-322522 and ADWISM-453232 Series — Continued



## STANDARD SPECIFICATIONS

PACKAGE TYPE	INDUCTANCE ( $\mu$ H)	INDUCTANCE TOLERANCE (%)			QUALITY FACTOR min. (MHz)	SRF RESONANT min. (MHz)	DC RESISTANCE max. ( $\Omega$ )	ALLOWABLE DC CURRENT max. (mA)	MEAS. FREQUENCY (MHz)
		M	K	J					
ADWISM-453232-1R0□ - T	1.0		±10		50	100	0.50	450	7.96
ADWISM-453232-1R2□ - T	1.2		±10		50	80	0.55	430	7.96
ADWISM-453232-1R5□ - T	1.5		±10		50	70	0.60	410	7.96
ADWISM-453232-1R8□ - T	1.8		±10		50	60	0.65	390	7.96
ADWISM-453232-2R2□ - T	2.2		±10		50	55	0.70	380	7.96
ADWISM-453232-2R7□ - T	2.7		±10		50	50	0.75	370	7.96
ADWISM-453232-3R3□ - T	3.3		±10		50	45	0.80	355	7.96
ADWISM-453232-3R9□ - T	3.9		±10		50	40	0.90	330	7.96
ADWISM-453232-4R7□ - T	4.7		±10		50	35	1.00	315	7.96
ADWISM-453232-5R6□ - T	5.6		±10		50	33	1.10	300	7.96
ADWISM-453232-6R8□ - T	6.8		±10		50	27	1.20	285	7.96
ADWISM-453232-8R2□ - T	8.2		±10		50	25	1.40	270	7.96
ADWISM-453232-100□ - T	10		±10		50	20	1.60	250	2.52
ADWISM-453232-120□ - T	12		±10		50	18	2.00	225	2.52
ADWISM-453232-150□ - T	15		±10		50	17	2.50	200	2.52
ADWISM-453232-180□ - T	18		±10		50	15	2.80	190	2.52
ADWISM-453232-220□ - T	22		±10		50	13	3.20	180	2.52
ADWISM-453232-270□ - T	27		±10		50	12	3.60	170	2.52
ADWISM-453232-330□ - T	33		±10		50	11	4.00	160	2.52
ADWISM-453232-390□ - T	39		±10		50	10	4.50	150	2.52
ADWISM-453232-470□ - T	47		±10		50	10	5.00	140	2.52
ADWISM-453232-560□ - T	56		±10		50	9.0	5.50	135	2.52
ADWISM-453232-680□ - T	68		±10		50	9.0	6.00	130	2.52
ADWISM-453232-820□ - T	82		±10		50	8.0	7.00	120	2.52
ADWISM-453232-101□ - T	100		±10		40	8.0	8.00	110	0.796
ADWISM-453232-121□ - T	120		±10		40	6.0	8.00	110	0.796
ADWISM-453232-151□ - T	150		±10		40	5.0	9.00	105	0.796
ADWISM-453232-181□ - T	180		±10		40	5.0	9.50	102	0.796
ADWISM-453232-221□ - T	220		±10		40	4.0	10.0	100	0.796
ADWISM-453232-271□ - T	270		±10		40	4.0	12.0	92	0.796
ADWISM-453232-331□ - T	330		±10		40	3.5	14.0	85	0.796
ADWISM-453232-391□ - T	390		±10		40	3.0	18.0	80	0.796
ADWISM-453232-471□ - T	470		±10		40	3.0	26.0	62	0.796
ADWISM-453232-561□ - T	560		±10		30	3.0	30.0	50	0.796
ADWISM-453232-681□ - T	680		±10		30	3.0	30.0	50	0.796
ADWISM-453232-821□ - T	820		±10		30	2.5	35.0	30	0.796
ADWISM-453232-102□ - T	1000		±10		20	2.5	40.0	30	0.252