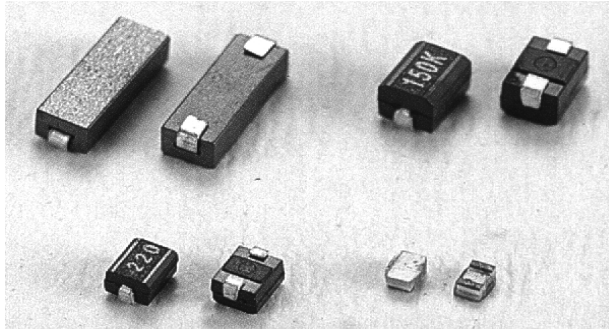


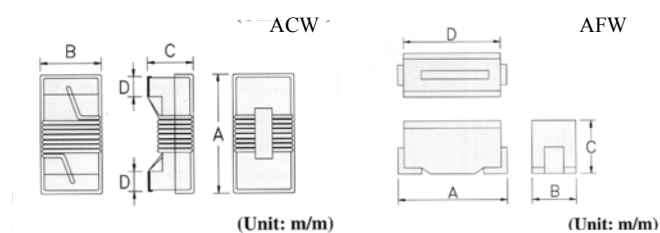
SMT High Frequency Wound Chip Inductors

Type: AFW



Features

- Very strong solderability by flow soldering, soldering iron or wave soldering.
- Highly accurate dimension; can be mounted automatically.
- Terminals are highly resistant to pull forces.
- Highly resistant to mechanical shocks and pressure.
- Highly reliable in environment of sudden temperature change and humidity. Super Q characteristics.



Type	CASE	A (mm)	B (mm)	C (mm)	D (mm)
AFWI322522	1210	3.2+0.3	2.5+0.2	2.2+2.9	2.9+0.2
AFWI453232	1812	4.5+0.3	3.2+0.2	3.2+0.2	4.2+0.2
ACWI211515	0805				
ACWI292722	1008				

PART NUMBER		Inductance (uH)	Q Min.	Test Frequency (MHz)	Self Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (mA) Max.
AFWI322522	R10M	0.10	28	25.2	700	0.44	450
AFWI322522	R12M	0.12	30	25.2	500	0.22	450
AFWI322522	R15M	0.15	30	25.2	450	0.25	450
AFWI322522	R18M	0.18	30	25.2	400	0.28	450
AFWI322522	R22M	0.22	30	25.2	350	0.32	450
AFWI322522	R27M	0.27	30	25.2	320	0.36	450
AFWI322522	R33M	0.33	30	25.2	300	0.40	450
AFWI322522	R39M	0.39	30	25.2	250	0.45	450
AFWI322522	R47M	0.47	30	25.2	220	0.50	450
AFWI322522	R56M	0.56	30	25.2	180	0.55	450
AFWI322522	R68M	0.68	30	25.2	160	0.60	450
AFWI322522	R82M	0.82	30	25.2	140	0.65	450
AFWI322522	1R0K	1.0	30	7.96	120	0.70	400
AFWI322522	1R2K	1.2	30	7.96	100	0.75	390
AFWI322522	1R5K	1.5	30	7.96	85	0.85	370
AFWI322522	1R8K	1.8	30	7.96	80	0.90	350
AFWI322522	2R2K	2.2	30	7.96	75	1.00	320
AFWI322522	2R7K	2.7	30	7.96	70	1.10	290
AFWI322522	3R3K	3.3	30	7.96	60	1.20	260
AFWI322522	3R9K	3.9	30	7.96	55	1.30	250



SMT High Frequency Wound Chip Inductors

Type: AFW

[illegible]



low profile - encapsulated - toroidal - open - pcb or rack - inductor

SMT High Frequency Type: AFW Wound Chip Inductors

PART NUMBER	Inductance (uH)	Q Min.	Test Frequency (MHz)	Self Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (mA) Max.
AFWI453232 R10M	0.10	35	25.2	300	0.18	800
AFWI453232 R12M	0.12	35	25.2	280	0.20	770
AFWI453232 R15M	0.15	35	25.2	250	0.22	730
AFWI453232 R18M	0.18	35	25.2	220	0.24	700
AFWI453232 R22M	0.22	40	25.2	200	0.25	665
AFWI453232 R27M	0.27	40	25.2	180	0.26	635
AFWI453232 R33M	0.33	40	25.2	165	0.28	605
AFWI453232 R39M	0.39	40	25.2	150	0.30	575
AFWI453232 R47M	0.47	40	25.2	145	0.32	545
AFWI453232 R56M	0.56	40	25.2	140	0.36	520
AFWI453232 R68M	0.68	40	25.2	135	0.40	500
AFWI453232 R82M	0.82	40	25.2	130	0.45	475
AFWI453232 1R0K	1.0	50	7.96	100	0.50	450
AFWI453232 1R2K	1.2	50	7.96	80	0.55	430
AFWI453232 1R5K	1.5	50	7.96	70	0.60	410
AFWI453232 1R8K	1.8	50	7.96	60	0.65	390
AFWI453232 2R2K	2.2	50	7.96	55	0.70	380
AFWI453232 2R7K	2.7	50	7.96	50	0.75	370
AFWI453232 3R3K	3.3	50	7.96	45	0.80	355
AFWI453232 3R9K	3.9	50	7.96	40	0.90	330
AFWI453232 4R7K	4.7	50	7.96	35	1.00	315
AFWI453232 5R6K	5.6	50	7.96	33	1.10	300
AFWI453232 6R8K	6.8	50	7.96	27	1.20	285
AFWI453232 8R2K	8.2	50	7.96	25	1.40	270
AFWI453232 100K	10	50	2.52	20	1.60	250
AFWI453232 120K	12	50	2.52	18	2.00	225
AFWI453232 150K	15	50	2.52	17	2.50	200
AFWI453232 180K	18	50	2.52	15	2.80	190
AFWI453232 220K	22	50	2.52	13	3.20	180
AFWI453232 270K	27	50	2.52	12	3.60	170
AFWI453232 330K	33	50	2.52	11	4.00	160
AFWI453232 390K	39	50	2.52	10	4.50	150
AFWI453232 470K	47	50	2.52	10	5.00	140
AFWI453232 560K	56	50	2.52	9.0	5.50	135
AFWI453232 680K	68	50	2.52	9.0	6.00	130
AFWI453232 820K	82	50	2.52	8.0	7.00	120



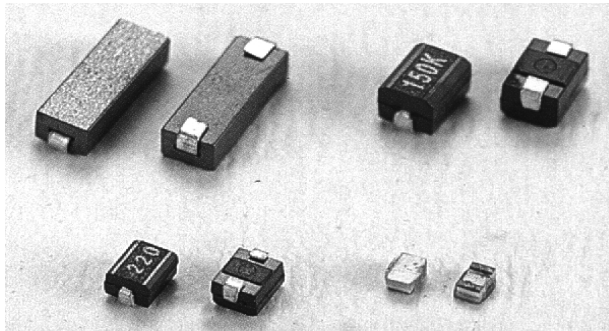
SMT High Frequency Wound Chip Inductors

Type: AFW

[illegible]

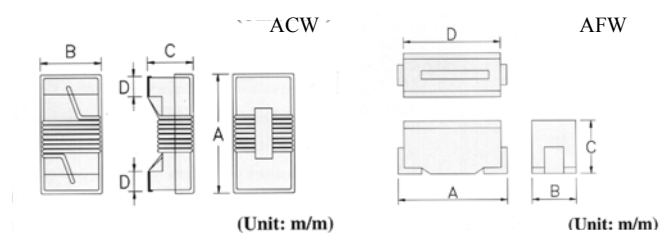
SMT High Frequency Wound Chip Inductors

Type: ACW



Features

- Very strong solderability by flow soldering, soldering iron or wave soldering.
- Highly accurate dimension; can be mounted automatically.
- Terminals are highly resistant to pull forces.
- Highly resistant to mechanical shocks and pressure.
- Highly reliable in environment of sudden temperature change and humidity. Super Q characteristics.



Type	CASE	A (mm)	B (mm)	C (mm)	D (mm)
AFWI322522	1210				
AFWI453232	1812				
ACWI211515	0805	2.1+0.2	1.5+0.2	1.5+0.2	0.5+0.2
ACWI292722	1008	2.9+0.2	2.7+0.2	2.2+0.2	0.5+0.2

PART NUMBER	Inductance (uH)	Q Min.	Self Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (mA) Max.
ACWI211515 2N2	2.2 @ 250 MHz	15 @ 1500 MHz	6000	0.080	600
ACWI211515 3N3	3.3 @ 250 MHz	50 @ 1500 MHz	6000	0.080	600
ACWI211515 6N8	6.8 @ 250 MHz	50 @ 1000 MHz	5500	0.110	600
ACWI211515 8N2	8.2 @ 250 MHz	50 @ 500 MHz	4700	0.120	600
ACWI211515 12N	12 @ 250 MHz	50 @ 500 MHz	4000	0.150	600
ACWI211515 15N	15 @ 250 MHz	50 @ 500 MHz	3400	0.170	600
ACWI211515 18N	18 @ 250 MHz	50 @ 500 MHz	3300	0.200	600
ACWI211515 22N	22 @ 250 MHz	55 @ 500 MHz	2600	0.220	500
ACWI211515 27N	27 @ 250 MHz	55 @ 500 MHz	2500	0.250	500
ACWI211515 33N	33 @ 250 MHz	60 @ 500 MHz	2050	0.270	500
ACWI211515 39N	39 @ 250 MHz	60 @ 500 MHz	2000	0.290	500
ACWI211515 47N	47 @ 200 MHz	60 @ 500 MHz	1650	0.310	500
ACWI211515 56N	56 @ 200 MHz	60 @ 500 MHz	1550	0.340	500
ACWI211515 68N	68 @ 150 MHz	60 @ 500 MHz	1450	0.380	500
ACWI211515 82N	82 @ 150 MHz	65 @ 500 MHz	1300	0.420	400
ACWI211515 0R10	100 @ 150 MHz	65 @ 500 MHz	1200	0.460	400
ACWI211515 0R12	120 @ 150 MHz	50 @ 250 MHz	1100	0.510	400
ACWI211515 0R15	150 @ 100 MHz	50 @ 250 MHz	920	0.560	400
ACWI211515 0R18	180 @ 100 MHz	50 @ 250 MHz	870	0.640	400
ACWI211515 0R22	220 @ 100 MHz	50 @ 250 MHz	850	0.700	400

SMT High Frequency Type: ACW Wound Chip Inductors

PART NUMBER	Inductance (uH)	Q Min.	Self Resonant Frequency (MHz) Min.	DC Resistance (ohm) Max.	Rated DC Current (mA) Max.
ACWI211515 0R27	270 @ 100 MHz	40 @ 100 MHz	800	1.100	280
ACWI211515 0R33	330 @ 100 MHz	40 @ 100 MHz	750	1.200	260
ACWI211515 0R39	390 @ 100 MHz	40 @ 100 MHz	700	1.500	200
ACWI211515 0R47	470 @ 100 MHz	40 @ 100 MHz	650	2.500	170
ACWI211515 0R56	560 @ 50 MHz	40 @ 50 MHz	600	3.500	170
ACWI211515 0R68	680 @ 50 MHz	30 @ 50 MHz	550	4.000	170
ACWI292722 10N	10 @ 50 MHz	50 @ 500 MHz	4100	0.080	1000
ACWI292722 12N	12 @ 50 MHz	50 @ 500 MHz	3300	0.090	1000
ACWI292722 15N	15 @ 50 MHz	50 @ 500 MHz	2500	0.100	1000
ACWI292722 18N	18 @ 50 MHz	50 @ 350 MHz	2500	0.110	1000
ACWI292722 22N	22 @ 50 MHz	55 @ 350 MHz	2400	0.120	1000
ACWI292722 27N	27 @ 50 MHz	55 @ 350 MHz	1600	0.130	1000
ACWI292722 33N	33 @ 50 MHz	60 @ 350 MHz	1600	0.140	1000
ACWI292722 39N	39 @ 50 MHz	60 @ 350 MHz	1500	0.150	1000
ACWI292722 47N	47 @ 50 MHz	65 @ 350 MHz	1500	0.160	1000
ACWI292722 56N	56 @ 50 MHz	65 @ 350 MHz	1300	0.180	1000
ACWI292722 68N	68 @ 50 MHz	65 @ 350 MHz	1300	0.200	1000
ACWI292722 82N	82 @ 50 MHz	60 @ 350 MHz	1000	0.220	1000
ACWI292722 0R10	100 @ 25 MHz	60 @ 350 MHz	1000	0.560	650
ACWI292722 0R12	120 @ 25 MHz	60 @ 350 MHz	950	0.630	650
ACWI292722 0R15	150 @ 25 MHz	45 @ 100 MHz	850	0.700	580
ACWI292722 0R18	180 @ 25 MHz	45 @ 100 MHz	750	0.770	620
ACWI292722 0R22	220 @ 25 MHz	45 @ 100 MHz	700	0.840	500
ACWI292722 0R27	270 @ 25 MHz	45 @ 100 MHz	600	0.910	500
ACWI292722 0R33	330 @ 25 MHz	45 @ 100 MHz	570	1.050	450
ACWI292722 0R39	390 @ 25 MHz	45 @ 100 MHz	500	1.120	470
ACWI292722 0R47	470 @ 25 MHz	45 @ 100 MHz	450	1.190	470
ACWI292722 0R56	560 @ 25 MHz	45 @ 100 MHz	415	1.330	400
ACWI292722 0R62	620 @ 25 MHz	45 @ 100 MHz	375	1.400	300
ACWI292722 0R68	680 @ 25 MHz	45 @ 100 MHz	375	1.470	400
ACWI292722 0R75	750 @ 25 MHz	45 @ 100 MHz	360	1.540	360
ACWI292722 0R82	820 @ 25 MHz	45 @ 100 MHz	350	1.610	400
ACWI292722 0R91	910 @ 25 MHz	45 @ 50 MHz	320	1.680	380
ACWI292722 1R0	1000 @ 25 MHz	35 @ 50 MHz	290	1.750	370
ACWI292722 1R2	1200 @ 7.9 MHz	35 @ 50 MHz	250	2.000	310
ACWI292722 1R5	1500 @ 7.9 MHz	28 @ 50 MHz	200	2.300	330
ACWI292722 1R8	1800 @ 7.9 MHz	28 @ 50 MHz	160	2.600	300
ACWI292722 2R2	2200 @ 7.9 MHz	28 @ 50 MHz	160	2.800	280
ACWI292722 2R7	2700 @ 7.9 MHz	22 @ 25 MHz	140	3.200	290
ACWI292722 3R3	3300 @ 7.9 MHz	22 @ 25 MHz	110	3.400	290
ACWI292722 3R9	3900 @ 7.9 MHz	20 @ 25 MHz	100	3.600	260
ACWI292722 4R7	4700 @ 7.9 MHz	20 @ 25 MHz	90	4.000	260