

Specification

Tai-Tech Part Number	Inductance (nH)	Tolerance	Test Frequency (MHz)	Q min.	Q(Typ.) Frequency(Hz)					Rated Current (mA) max.	DCR(•) max.	SRF(MHz) min.
					500M	800M	1.8G	2.0G	2.4G			
HCI0603BQ-0N6• •M8	0.6	B, C, S	500	14	>35	>47	>75	>80	>88	900	0.06	10000
HCI0603BQ-0N7• •M8	0.7	B, C, S	500	14	>35	>47	>75	>80	>88	900	0.06	10000
HCI0603BQ-0N8• •M8	0.8	B, C, S	500	14	>35	>47	>75	>80	>88	900	0.06	10000
HCI0603BQ-0N9• •M8	0.9	B, C, S	500	14	>35	>47	>75	>80	>88	900	0.06	10000
HCI0603BQ-1N0• •M8	1.0	B, C, S	500	14	>35	>47	>75	>80	>88	850	0.07	10000
HCI0603BQ-1N1• •M8	1.1	B, C, S	500	14	>35	>47	>75	>80	>88	850	0.07	10000
HCI0603BQ-1N2• •M8	1.2	B, C, S	500	14	35	47	75	80	88	800	0.08	10000
HCI0603BQ-1N3• •M8	1.3	B, C, S	500	14	32	43	70	74	82	760	0.09	10000
HCI0603BQ-1N4• •M8	1.4	B, C, S	500	14	29	39	63	67	75	640	0.12	10000
HCI0603BQ-1N5• •M8	1.5	B, C, S	500	14	27	36	59	62	69	600	0.15	10000
HCI0603BQ-1N6• •M8	1.6	B, C, S	500	14	25	33	54	57	63	510	0.19	10000
HCI0603BQ-1N7• •M8	1.7	B, C, S	500	14	25	32	52	54	61	680	0.11	10000
HCI0603BQ-1N8• •M8	1.8	B, C, S	500	14	25	32	51	53	59	640	0.12	10000
HCI0603BQ-1N9• •M8	1.9	B, C, S	500	14	24	31	50	53	58	620	0.13	10000
HCI0603BQ-2N0• •M8	2.0	B, C, S	500	14	24	31	50	53	58	600	0.15	10000
HCI0603BQ-2N1• •M8	2.1	B, C, S	500	14	24	31	50	53	58	550	0.16	10000
HCI0603BQ-2N2• •M8	2.2	B, C, S	500	14	24	31	50	53	58	500	0.20	10000
HCI0603BQ-2N3• •M8	2.3	B, C, S	500	14	24	31	49	52	58	460	0.24	10000
HCI0603BQ-2N4• •M8	2.4	B, C, S	500	14	22	28	45	48	53	430	0.26	10000
HCI0603BQ-2N5• •M8	2.5	B, C, S	500	14	22	29	46	49	54	415	0.28	10000
HCI0603BQ-2N6• •M8	2.6	B, C, S	500	14	21	27	44	46	51	405	0.30	10000
HCI0603BQ-2N7• •M8	2.7	B, C, S	500	14	20	26	41	43	48	400	0.32	10000
HCI0603BQ-2N8• •M8	2.8	B, C, S	500	14	20	26	41	43	47	500	0.20	9500
HCI0603BQ-2N9• •M8	2.9	B, C, S	500	14	20	26	41	43	47	480	0.22	9300
HCI0603BQ-3N0• •M8	3.0	B, C, S	500	14	20	26	41	43	47	460	0.24	9100
HCI0603BQ-3N1• •M8	3.1	B, C, S	500	14	20	26	41	43	47	450	0.25	8900
HCI0603BQ-3N2• •M8	3.2	B, C, S	500	14	20	26	40	43	47	415	0.28	8700
HCI0603BQ-3N3• •M8	3.3	B, C, S	500	14	20	26	40	43	47	415	0.28	8600
HCI0603BQ-3N4• •M8	3.4	B, C, S	500	14	20	25	40	43	47	410	0.29	8400
HCI0603BQ-3N5• •M8	3.5	B, C, S	500	14	20	25	40	42	46	405	0.30	8200
HCI0603BQ-3N6• •M8	3.6	B, C, S	500	14	19	25	40	42	46	400	0.32	8100
HCI0603BQ-3N7• •M8	3.7	B, C, S	500	14	19	25	40	42	46	370	0.36	8000
HCI0603BQ-3N8• •M8	3.8	B, C, S	500	14	19	25	39	41	45	355	0.40	7800
HCI0603BQ-3N9• •M8	3.9	B, C, S	500	14	19	25	39	41	45	350	0.41	7700
HCI0603BQ-4N0• •M8	4.0	B, C, S	500	14	18	25	39	41	45	335	0.44	7600
HCI0603BQ-4N1• •M8	4.1	B, C, S	500	14	19	25	39	41	45	320	0.48	7500
HCI0603BQ-4N2• •M8	4.2	B, C, S	500	14	18	24	37	39	43	320	0.48	7300
HCI0603BQ-4N3• •M8	4.3	C, S	500	14	18	24	37	39	43	320	0.48	6500
HCI0603BQ-4N6• •M8	4.6	C, S	500	14	18	24	37	39	42	360	0.39	6500
HCI0603BQ-4N7• •M8	4.7	C, S	500	14	19	24	37	39	42	350	0.42	6400
HCI0603BQ-5N0• •M8	5.0	C, S	500	14	19	24	37	39	42	335	0.44	6200
HCI0603BQ-5N1• •M8	5.1	C, S	500	14	19	24	37	39	42	330	0.45	6100

Note:

• • Tolerance B=±0.1nH, C=±0.2nH, S=±0.3nH

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Tai-Tech Part Number	Inductance (nH)	Tolerance	Test Frequency (MHz)	Q min.	Q(Typ.) Frequency(Hz)					Rated Current (mA) max.	DCR() max.	SRF(MHz) min.
					500M	800M	1.8G	2.0G	2.4G			
HCI0603BQ-5N4• M8	5.4	C, S	500	14	18	24	36	38	42	315	0.49	5900
HCI0603BQ-5N6• M8	5.6	C, S	500	14	18	24	36	37	41	325	0.47	5500
HCI0603BQ-5N9• M8	5.9	C, S	500	14	18	23	35	36	39	325	0.47	5500
HCI0603BQ-6N2• M8	6.2	C, S	500	14	18	23	35	36	39	305	0.52	5100
HCI0603BQ-6N5• M8	6.5	C, S	500	14	18	23	35	36	39	305	0.52	5100
HCI0603BQ-6N8• M8	6.8	H, J	500	14	18	23	35	36	39	305	0.55	4800
HCI0603BQ-7N1• M8	7.1	H, J	500	14	18	23	35	36	39	305	0.55	4800
HCI0603BQ-7N5• M8	7.5	H, J	500	14	18	23	34	35	38	305	0.55	4600
HCI0603BQ-7N8• M8	7.8	H, J	500	14	17	22	33	34	36	310	0.51	4600
HCI0603BQ-8N2• M8	8.2	H, J	500	14	17	22	33	34	36	290	0.57	4300
HCI0603BQ-8N5• M8	8.5	H, J	500	14	17	22	33	34	36	290	0.57	4300
HCI0603BQ-9N1• M8	9.1	H, J	500	14	17	22	33	34	36	270	0.65	4000
HCI0603BQ-9N4• M8	9.4	H, J	500	14	17	22	33	34	36	250	0.73	4000
HCI0603BQ-10N• M8	10	H, J	500	14	17	22	33	34	36	230	0.85	3800
HCI0603BQ-12N• M8	12	H, J	500	14	17	22	31	32	33	230	0.85	3300
HCI0603BQ-15N• M8	15	H, J	500	14	17	21	28	29	29	220	0.89	2600
HCI0603BQ-18N• M8	18	H, J	500	14	16	21	26	26	25	205	1.05	2300
HCI0603BQ-22N• M8	22	H, J	500	14	16	21	26	26	24	190	1.29	1900

Note:

- • Tolerance C=±0.2nH, S=±0.3nH, H=±8%, J=±5%

Specification

Tai-Tech Part Number	Inductance (nH)	Test Frequency (MHz)	Q min.	Q(Typ.) Frequency(MHz)					Rated Current (mA) max.	DCR()		SRF(MHz)	
				100	300	500	800	1000		typ.	max.	typ.	min.
HCI1005F-1N0S-M8	1.0	100	8	11	25	34	43	52	300	0.04	0.08	>13000	10000
HCI1005F-1N2S-M8	1.2	100	8	11	25	35	44	52	300	0.04	0.09	>13000	10000
HCI1005F-1N5S-M8	1.5	100	8	11	24	33	44	48	300	0.05	0.10	>13000	6000
HCI1005F-1N8S-M8	1.8	100	8	11	23	30	36	42	300	0.06	0.12	11000	6000
HCI1005F-2N0S-M8	2.0	100	8	11	21	27	34	39	300	0.06	0.12	10500	6000
HCI1005F-2N2S-M8	2.2	100	8	10	18	25	31	36	300	0.07	0.13	10000	6000
HCI1005F-2N4S-M8	2.4	100	8	10	18	24	31	35	300	0.07	0.13	9500	6000
HCI1005F-2N7S-M8	2.7	100	8	10	18	24	31	34	300	0.08	0.13	9000	6000
HCI1005F-3N0S-M8	3.0	100	8	10	18	24	31	35	300	0.09	0.16	8500	6000
HCI1005F-3N3S-M8	3.3	100	8	10	18	24	31	35	300	0.10	0.16	8000	6000
HCI1005F-3N6S-M8	3.6	100	8	10	18	24	31	35	300	0.11	0.20	7500	5000
HCI1005F-3N9S-M8	3.9	100	8	10	18	24	31	35	300	0.12	0.21	7000	4000
HCI1005F-4N3S-M8	4.3	100	8	10	18	24	31	35	300	0.12	0.20	6500	4000
HCI1005F-4N7S-M8	4.7	100	8	10	18	24	31	34	300	0.12	0.21	6000	4000
HCI1005F-5N1S-M8	5.1	100	8	10	18	24	31	34	300	0.13	0.21	5800	4000
HCI1005F-5N6S-M8	5.6	100	8	10	18	24	30	35	300	0.15	0.23	5700	4000
HCI1005F-6N2S-M8	6.2	100	8	10	18	24	30	34	300	0.16	0.25	5600	3900
HCI1005F-6N8J-M8	6.8	100	8	10	18	23	29	32	300	0.17	0.25	5500	3900
HCI1005F-7N5J-M8	7.5	100	8	10	18	23	29	32	300	0.18	0.25	5200	3700
HCI1005F-8N2J-M8	8.2	100	8	10	18	23	29	31	300	0.21	0.28	4900	3600
HCI1005F-9N1J-M8	9.1	100	8	10	18	23	29	31	300	0.22	0.30	4500	3400
HCI1005F-10NJ-M8	10	100	8	10	18	23	29	31	300	0.23	0.31	4300	3200
HCI1005F-12NJ-M8	12	100	8	11	18	23	29	31	300	0.28	0.40	3900	2700
HCI1005F-15NJ-M8	15	100	8	11	18	23	28	30	300	0.31	0.46	3500	2300
HCI1005F-18NJ-M8	18	100	8	11	18	23	28	30	300	0.35	0.55	3100	2100
HCI1005F-22NJ-M8	22	100	8	11	17	22	26	27	300	0.42	0.60	2800	1900
HCI1005F-27NJ-M8	27	100	8	11	17	21	25	26	300	0.47	0.70	2300	1600
HCI1005F-33NJ-M8	33	100	8	11	16	20	23	22	200	0.50	0.80	1900	1300
HCI1005F-39NJ-M8	39	100	8	11	16	20	23	21	200	0.52	0.90	1700	1200
HCI1005F-47NJ-M8	47	100	8	11	16	19	21	18	200	0.58	1.00	1500	1000
HCI1005F-56NJ-M8	56	100	8	11	16	18	18	16	200	0.61	1.00	1300	750
HCI1005F-68NJ-M8	68	100	8	11	15	17	18	11	180	0.70	1.20	1200	750
HCI1005F-82NJ-M8	82	100	8	10	14	16	15	6	150	0.81	1.30	1100	600
HCI1005F-R10J-M8	100	100	8	10	14	14	12	-	150	0.94	1.50	1000	600
HCI1005F-R12J-M8	120	100	8	10	12	10	-	-	150	1.10	1.60	800	600
HCI1005F-R15J-M8	150	100	8	12	17	17	-	-	140	2.57	3.20	920	550
HCI1005F-R18J-M8	180	100	8	12	16	-	-	-	130	2.97	3.70	810	500
HCI1005F-R22J-M8	220	100	8	12	16	-	-	-	120	3.29	4.20	700	450
HCI1005F-R27J-M8	270	100	8	12	14	-	-	-	110	3.92	4.80	600	400

Note:

S=±0.3nH, J=±5%

Tai-Tech Part Number	Thickness (mm)	Inductance		Q		Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
		(nH)	Test Frequency (MHz)	Normal Value	min.			
HCI1608F-1N0S-M	0.80±0.15	1.0	100	14	8	300	0.05	10000
HCI1608F-1N2S-M	0.80±0.15	1.2	100	14	8	300	0.05	10000
HCI1608F-1N5S-M	0.80±0.15	1.5	100	14	8	300	0.10	6000
HCI1608F-1N8S-M	0.80±0.15	1.8	100	10	8	300	0.10	6000
HCI1608F-2N2S-M	0.80±0.15	2.2	100	12	8	300	0.10	6000
HCI1608F-2N7S-M	0.80±0.15	2.7	100	13	10	300	0.10	6000
HCI1608F-3N3 \cdot M	0.80±0.15	3.3	100	14	10	300	0.12	6000
HCI1608F-3N9 \cdot M	0.80±0.15	3.9	100	13	10	300	0.14	6000
HCI1608F-4N7S-M	0.80±0.15	4.7	100	13	10	300	0.16	4000
HCI1608F-5N6S-M	0.80±0.15	5.6	100	14	10	300	0.18	4000
HCI1608F-6N8 \cdot M	0.80±0.15	6.8	100	14	10	300	0.22	4000
HCI1608F-8N2 \cdot M	0.80±0.15	8.2	100	14	10	300	0.24	3500
HCI1608F-10N \cdot M	0.80±0.15	10	100	14	12	300	0.26	3400
HCI1608F-12N \cdot M	0.80±0.15	12	100	14	12	300	0.28	2600
HCI1608F-15N \cdot M	0.80±0.15	15	100	15	12	300	0.32	2300
HCI1608F-18N \cdot M	0.80±0.15	18	100	15	12	300	0.35	2000
HCI1608F-22N \cdot M	0.80±0.15	22	100	16	12	300	0.40	1600
HCI1608F-27N \cdot M	0.80±0.15	27	100	16	12	300	0.45	1400
HCI1608F-33N \cdot M	0.80±0.15	33	100	17	12	300	0.55	1200
HCI1608F-39N \cdot M	0.80±0.15	39	100	18	12	300	0.60	1100
HCI1608F-47N \cdot M	0.80±0.15	47	100	17	12	300	0.70	900
HCI1608F-56N \cdot M	0.80±0.15	56	100	17	12	300	0.75	900
HCI1608F-68N \cdot M	0.80±0.15	68	100	18	12	300	0.85	700
HCI1608F-82N \cdot M	0.80±0.15	82	100	18	12	300	0.95	600
HCI1608F-R10 \cdot M	0.80±0.15	100	100	18	12	300	1.00	600
HCI1608F-R12 \cdot M	0.80±0.15	120	50	16	8	300	1.20	500
HCI1608F-R15 \cdot M	0.80±0.15	150	50	13	8	300	1.20	500
HCI1608F-R18 \cdot M	0.80±0.15	180	50	13	8	300	1.30	400

NOTE: \cdot :TOLERANCE J: +/-5% K : +/-10%