

## WIRE WOUND CERAMIC CHIP INDUCTORS / WHI TYPE

### FEATURES

- ◆ Their ceramic construction delivers the highest possible SRF's and Q value.
- ◆ These ultra-compact inductors provided exceptional Q values, even at high.
- ◆ The non-magnetic coil form also assures the utmost in thermal stability, predictability and batch consistency.

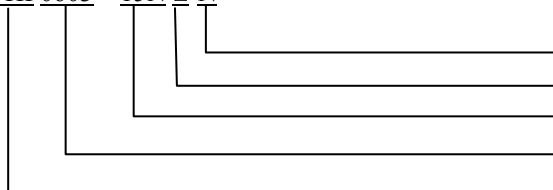


### APPLICATIONS

- ◆ Cellular phone, GPS receive, Base Station, Repeater , Wireless LAN/Mouse/Keyboard/earphone, remote control, security system and other RF modules.

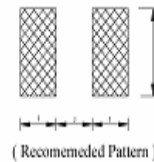
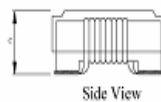
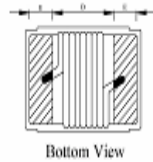
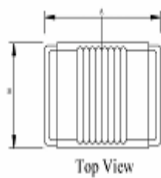
### ORDERING CODE

WHI 0603 - 15N □-N



Note: lead-free  
 Tolerance (G:±2%, J:±5%, K:±10%)  
 Inductance  
 Dimension  
 Product Symbol

### DIMENSIONS (UNIT: mm)



A	1.80 (MAX)	m/m
B	1.12 (MAX)	m/m
C	1.02 (MAX)	m/m
D	0.86 (REF)	m/m
E	0.33 (REF)	m/m



**CORE MASTER ENTERPRISE CO., LTD.**

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### ELECTRICAL CHARACTERISTICS FOR WHI 0603

Part No.	Inductance (nH)	Q Min	SRF (MHz) Min	DC Resistance ( $\Omega$ ) Max	Rated Current (mA) Max
WHI 0603-1N6 □-N	1.6@250MHz	24	12500	0.030	700
WHI 0603-1N8 □-N	1.8@250MHz	16	12500	0.045	700
WHI 0603-2N2 □-N	2.2@100MHz	20	5800	0.050	700
WHI 0603-3N3 □-N	3.3@250MHz	20	5500	0.070	700
WHI 0603-3N6 □-N	3.6@250MHz	22	5900	0.063	700
WHI 0603-3N9 □-N	3.9@250MHz	22	6900	0.080	700
WHI 0603-4N3 □-N	4.3@250MHz	22	5900	0.063	700
WHI 0603-4N7 □-N	4.7@250MHz	20	5800	0.116	700
WHI 0603-5N1 □-N	5.1@250MHz	20	5700	0.140	700
WHI 0603-5N6 □-N	5.6@250MHz	20	5800	0.150	700
WHI 0603-6N1 □-N	6.1@250MHz	25	5800	0.110	700
WHI 0603-6N8 □-N	6.8@250MHz	27	5800	0.110	700
WHI 0603-7N5 □-N	7.5@250MHz	28	4800	0.106	700
WHI 0603-8N2 □-N	8.2@250MHz	25	5800	0.120	700
WHI 0603-8N4 □-N	8.4@250MHz	28	4600	0.109	700
WHI 0603-8N5 □-N	8.5@250MHz	28	4600	0.109	700
WHI 0603-8N7 □-N	8.7@250MHz	28	4600	0.109	700
WHI 0603-9N5 □-N	9.5@250MHz	28	5400	0.135	700
WHI 0603-10N □-N	10@250MHz	31	4800	0.130	700
WHI 0603-11N □-N	11@250MHz	33	4000	0.086	700
WHI 0603-12N □-N	12@250MHz	35	4000	0.130	700
WHI 0603-14N □-N	14@250MHz	35	4000	0.170	700
WHI 0603-15N □-N	15@250MHz	35	4000	0.170	700
WHI 0603-16N □-N	16@250MHz	34	3300	0.104	700
WHI 0603-18N □-N	18@250MHz	35	3100	0.170	700
WHI 0603-22N □-N	22@250MHz	38	3000	0.190	700
WHI 0603-24N □-N	24@250MHz	37	2650	0.135	700
WHI 0603-27N □-N	27@250MHz	40	2800	0.220	600
WHI 0603-30N □-N	30@250MHz	37	2250	0.144	600
WHI 0603-33N □-N	33@250MHz	40	2300	0.220	600
WHI 0603-36N □-N	36@250MHz	38	2080	0.250	600
WHI 0603-39N □-N	39@250MHz	40	2200	0.250	600
WHI 0603-43N □-N	43@250MHz	39	2000	0.280	600
WHI 0603-47N □-N	47@200MHz	38	2000	0.280	600
WHI 0603-56N □-N	56@200MHz	38	1900	0.310	600
WHI 0603-68N □-N	68@200MHz	37	1700	0.340	600
WHI 0603-72N □-N	72@150MHz	34	1700	0.490	400
WHI 0603-82N □-N	82@150MHz	34	1700	0.540	400
WHI 0603-R10 □-N	100@150MHz	34	1400	0.580	400
WHI 0603-R11 □-N	110@150MHz	32	1350	0.610	300
WHI 0603-R12 □-N	120@150MHz	32	1300	0.650	300
WHI 0603-R15 □-N	150@150MHz	28	990	0.920	280
WHI 0603-R18 □-N	180@100MHz	25	990	1.250	240
WHI 0603-R22 □-N	220@100MHz	25	900	1.900	200
WHI 0603-R27 □-N	270@100MHz	24	900	2.300	170



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Part No.	Inductance (nH)	Q Min	SRF (MHz) Min	DC Resistance ( $\Omega$ ) Max	Rated Current (mA) Max
WHI 0603-R33 □-N	330@100MHz	24	900	3.900	185
WHI 0603-R39 □-N	390@100MHz	25	900	4.350	100
WHI 0603-R47 □-N	470@100MHz	25	820	4.350	100



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