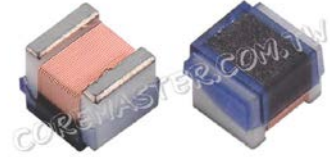


# WIRE WOUND CERAMIC CHIP INDUCTORS / WHI TYPE

## 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.

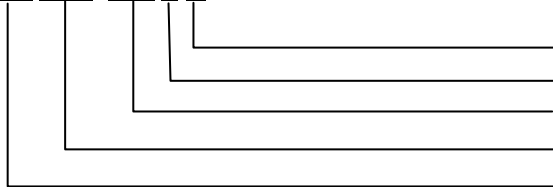


## APPLICATIONS

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

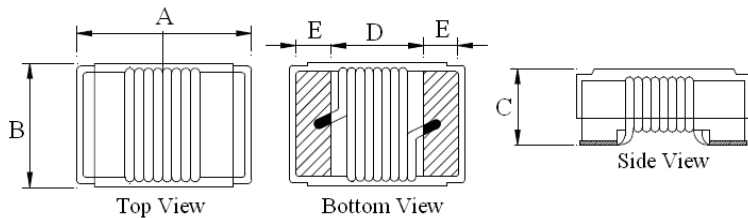
## ORDERING CODE

WHI 0805- 82N □-N



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

## DIMENSIONS (UNIT: mm)



A	2.29 (MAX)	m/m
B	1.73 (MAX)	m/m
C	1.52 (MAX)	m/m
D	1.02 (REF)	m/m
E	0.51 (REF)	m/m

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



<http://www.coremaster.com.tw>

## WIRE WOUND CERAMIC CHIP INDUCTORS / WHI TYPE

### ELECTRICAL CHARACTERISTICS FOR WHI 0805

Part No.	Inductance (nH)	Q Min	SRF (MHz) Min	DC Resistance ( $\Omega$ ) Max	Rated Current (mA) Max
WHI 0805-3N3 □-N	3.3@250MHz	50@1500MHz	7900	0.08	600
WHI 0805-5N6 □-N	5.6@250MHz	65@1000MHz	5500	0.08	600
WHI 0805-6N8 □-N	6.8@250MHz	50@1000MHz	5500	0.11	600
WHI 0805-7N5 □-N	7.5@250MHz	50@1000MHz	4500	0.14	600
WHI 0805-8N2 □-N	8.2@250MHz	50@1000MHz	4700	0.12	600
WHI 0805-10N □-N	10@250MHz	60@500MHz	4200	0.10	600
WHI 0805-12N □-N	12@250MHz	50@500MHz	4000	0.15	600
WHI 0805-15N □-N	15@250MHz	50@500MHz	3400	0.17	600
WHI 0805-18N □-N	18@250MHz	50@500MHz	3300	0.20	600
WHI 0805-22N □-N	22@250MHz	55@500MHz	2600	0.22	500
WHI 0805-24N □-N	24@250MHz	50@500MHz	2000	0.22	500
WHI 0805-27N □-N	27@250MHz	55@500MHz	2500	0.25	500
WHI 0805-33N □-N	33@250MHz	60@500MHz	2050	0.27	500
WHI 0805-36N □-N	36@250MHz	55@500MHz	1700	0.27	500
WHI 0805-39N □-N	39@250MHz	60@500MHz	2000	0.29	500
WHI 0805-43N □-N	43@200MHz	60@500MHz	1650	0.34	500
WHI 0805-47N □-N	47@200MHz	60@500MHz	1650	0.31	500
WHI 0805-56N □-N	56@200MHz	60@500MHz	1550	0.34	500
WHI 0805-68N □-N	68@200MHz	60@500MHz	1450	0.38	500
WHI 0805-82N □-N	82@150MHz	65@500MHz	1300	0.42	400
WHI 0805-91N □-N	91@150MHz	65@500MHz	1200	0.48	400
WHI 0805-R10 □-N	100@150MHz	65@500MHz	1200	0.46	400
WHI 0805-R12 □-N	120@150MHz	50@250MHz	1100	0.51	400
WHI 0805-R15 □-N	150@100MHz	50@250MHz	920	0.56	400
WHI 0805-R18 □-N	180@100MHz	50@250MHz	870	0.64	400
WHI 0805-R22 □-N	220@100MHz	50@250MHz	850	0.70	400
WHI 0805-R24 □-N	240@100MHz	44@250MHz	690	1.00	350
WHI 0805-R27 □-N	270@100MHz	48@250MHz	650	1.00	350
WHI 0805-R30 □-N	300@150MHz	25@250MHz	450	1.40	300
WHI 0805-R33 □-N	330@100MHz	48@250MHz	600	1.40	310
WHI 0805-R39 □-N	390@100MHz	48@250MHz	560	1.50	290
WHI 0805-R47 □-N	470@50MHz	33@100MHz	375	1.76	250
WHI 0805-R56 □-N	560@25MHz	23@50MHz	340	1.90	230
WHI 0805-R68 □-N	680@25MHz	23@50MHz	188	2.20	190
WHI 0805-R75 □-N	750@25MHz	23@50MHz	215	2.35	180
WHI 0805-R82 □-N	820@25MHz	23@50MHz	215	2.35	180
WHI 0805-1R0 □-N	1000@25MHz	23@50MHz	260	2.70	170