

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.

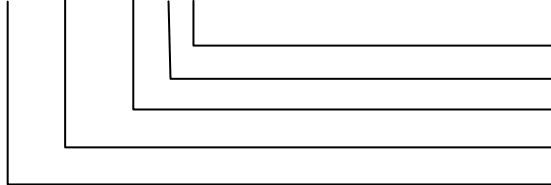


APPLICATIONS

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

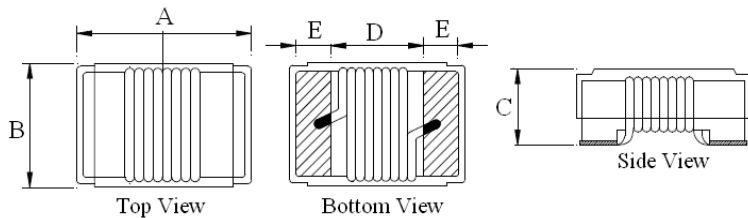
ORDERING CODE

WHI 1008- 82N □-N



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

DIMENSIONS (UNIT: mm)



A	2.92 (MAX)	m/m
B	2.79 (MAX)	m/m
C	2.03 (MAX)	m/m
D	1.52 (REF)	m/m
E	0.51 (REF)	m/m

CORE MASTER ENTERPRISE CO., LTD.

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



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ELECTRICAL CHARACTERISTICS FOR WHI 1008

Part No.	Inductance (nH)	Q Min	SRF (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
WHI 1008-10N □-N	10@50MHz	50@500MHz	4100	0.08	1000
WHI 1008-12N □-N	12@50MHz	50@500MHz	3300	0.09	1000
WHI 1008-15N □-N	15@50MHz	50@500MHz	2500	0.10	1000
WHI 1008-18N □-N	18@50MHz	50@350MHz	2500	0.11	1000
WHI 1008-22N □-N	22@50MHz	55@350MHz	2400	0.12	1000
WHI 1008-24N □-N	24@50MHz	50@350MHz	1500	0.13	1000
WHI 1008-27N □-N	27@50MHz	55@350MHz	1600	0.13	1000
WHI 1008-33N □-N	33@50MHz	60@350MHz	1600	0.14	1000
WHI 1008-39N □-N	39@50MHz	60@350MHz	1500	0.15	1000
WHI 1008-47N □-N	47@50MHz	65@350MHz	1500	0.16	1000
WHI 1008-56N □-N	56@50MHz	65@350MHz	1300	0.18	1000
WHI 1008-68N □-N	68@50MHz	65@350MHz	1300	0.20	1000
WHI 1008-82N □-N	82@50MHz	60@350MHz	1000	0.22	1000
WHI 1008-R10 □-N	100@25MHz	60@350MHz	1000	0.56	650
WHI 1008-R12 □-N	120@25MHz	60@350MHz	950	0.63	650
WHI 1008-R15 □-N	150@25MHz	45@100MHz	850	0.70	580
WHI 1008-R18 □-N	180@25MHz	45@100MHz	750	0.77	620
WHI 1008-R20 □-N	200@25MHz	50@100MHz	750	0.81	500
WHI 1008-R22 □-N	220@25MHz	45@100MHz	700	0.84	500
WHI 1008-R24 □-N	240@25MHz	50@100MHz	600	0.84	500
WHI 1008-R27 □-N	270@25MHz	45@100MHz	600	0.91	500
WHI 1008-R30 □-N	300@150MHz	40@100MHz	500	1.05	660
WHI 1008-R33 □-N	330@25MHz	45@100MHz	570	1.05	450
WHI 1008-R36 □-N	360@150MHz	40@100MHz	500	1.05	660
WHI 1008-R39 □-N	390@25MHz	45@100MHz	500	1.12	470
WHI 1008-R43 □-N	430@150MHz	40@100MHz	425	1.19	600
WHI 1008-R47 □-N	470@25MHz	45@100MHz	450	1.19	470
WHI 1008-R56 □-N	560@25MHz	45@100MHz	415	1.33	400
WHI 1008-R62 □-N	620@25MHz	45@100MHz	375	1.40	300
WHI 1008-R68 □-N	680@25MHz	45@100MHz	375	1.47	400
WHI 1008-R75 □-N	750@25MHz	45@100MHz	360	1.54	360
WHI 1008-R82 □-N	820@25MHz	45@100MHz	350	1.61	400
WHI 1008-R91 □-N	910@25MHz	35@50MHz	320	1.68	380
WHI 1008-1R0 □-N	1000@25MHz	35@50MHz	290	1.75	370
WHI 1008-1R2 □-N	1200@7.9MHz	35@50MHz	250	2.00	310
WHI 1008-1R5 □-N	1500@7.9MHz	28@50MHz	200	2.30	330
WHI 1008-1R8 □-N	1800@7.9MHz	28@50MHz	160	2.60	300
WHI 1008-2R0 □-N	2000@7.9MHz	25@50MHz	160	2.80	280
WHI 1008-2R2 □-N	2200@7.9MHz	28@50MHz	160	2.80	280
WHI 1008-2R7 □-N	2700@7.9MHz	22@25MHz	140	3.20	290
WHI 1008-3R3 □-N	3300@7.9MHz	22@25MHz	110	3.40	290
WHI 1008-3R9 □-N	3900@7.9MHz	20@25MHz	100	3.60	260
WHI 1008-4R7 □-N	4700@7.9MHz	20@25MHz	90	4.00	260

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