

# WIRE WOUND CERAMIC CHIP INDUCTOR 繞線式陶瓷晶片電感

HBWS series for high frequency

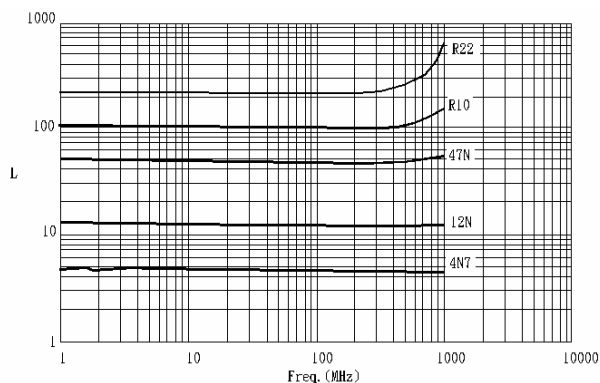
HBWS 系列適用於高頻

Electrical Characteristics 電氣特性

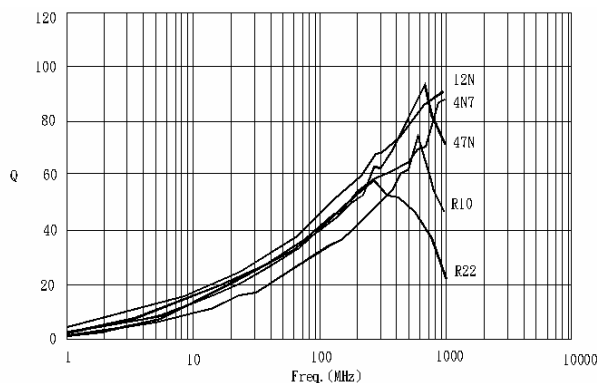
Shape(尺寸): 2012(0805)

Part Number 料號	Inductance 感值 (nH)	Tolerance 公差	Q Min 品質係數	Self-resonant Frequency (MHz)Min 共振頻率	DC Resistance ( $\Omega$ )Max 直流阻抗	Rated Current (mA)Max 額定電流
HBWS2012-2N2	2.2 @ 250MHz	B,S	50 @1000MHz	6000	0.06	800
HBWS2012-2N7	2.7 @ 250MHz	B,S	35 @1000MHz	6000	0.08	800
HBWS2012-3N3	3.3 @250MHz	B.S.	60 @1000MHz	6000	0.08	800
HBWS2012-3N9	3.9 @ 250MHz	B,S	60 @1000MHz	6000	0.06	600
HBWS2012-4N7	4.7 @ 250MHz	B,S	60 @1000MHz	5800	0.06	600
HBWS2012-5N6	5.6 @ 250MHz	K,J,B	60 @1000MHz	5800	0.08	600
HBWS2012-6N8	6.8 @ 250MHz	K,J,B	60 @1000MHz	5500	0.06	600
HBWS2012-8N2	8.2 @ 250MHz	K,J,B	60 @1000MHz	5500	0.06	600
HBWS2012-10N	10 @ 250MHz	K,J,G	60 @ 500MHz	4800	0.08	600
HBWS2012-12N	12 @ 250MHz	K,J,G	60 @ 500MHz	4100	0.08	600
HBWS2012-15N	15 @ 250MHz	K,J,G	60 @ 500MHz	3600	0.08	600
HBWS2012-18N	18 @ 250MHz	K,J,G	60 @ 500MHz	3400	0.08	600
HBWS2012-22N	22 @ 250MHz	K,J,G	60 @ 500MHz	3300	0.10	600
HBWS2012-27N	27 @ 250MHz	K,J,G	60 @ 500MHz	2600	0.12	600
HBWS2012-33N	33 @ 250MHz	K,J,G	60 @ 500MHz	2400	0.15	500
HBWS2012-39N	39 @ 250MHz	K,J,G	60 @ 500MHz	2100	0.18	500
HBWS2012-47N	47 @ 200MHz	K,J,G	60 @ 500MHz	1700	0.15	500
HBWS2012-56N	56 @ 200MHz	K,J,G	60 @ 500MHz	1600	0.25	500
HBWS2012-68N	68 @ 200MHz	K,J,G	60 @ 500MHz	1450	0.27	500
HBWS2012-82N	82 @ 150MHz	K,J,G	60 @ 500MHz	1350	0.32	500
HBWS2012-R10	100 @ 150MHz	K,J,G	60 @ 500MHz	1200	0.43	500
HBWS2012-R12	120 @ 150MHz	K,J,G	50 @ 250MHz	1100	0.48	500
HBWS2012-R15	150 @ 100MHz	K,J,G	50 @ 250MHz	950	0.56	400

INDUCTANCE vs. FREQUENCY CHARACTERISTICS



Q vs. FREQUENCY CHARACTERISTICS



1. Inductance is measured with HP-4287A LCR meter and HP-16192 fixture.
2. Q is measured with HP-4287A LCR meter and HP-16192 fixture.
3. RDC is measured with HP-4338B milliohm meter
4. Tolerance: B=±0.15nH, S=±0.3nH, G=±2%, J=±5%, K=±10%

感值以 HP-4287A LCR meter 及 HP-16192 治具量測  
品質係數以 HP-4287A LCR meter 及 HP-16192 治具量測  
直流阻抗以 HP-4338B 毫歐姆錶量測  
公差：B=±0.15nH, S=±0.3nH, G=±2%, J=±5%, K=±10%

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# WIRE WOUND FERRITE CHIP INDUCTOR 繞線式陶瓷晶片電感

## HBWS series for high frequency

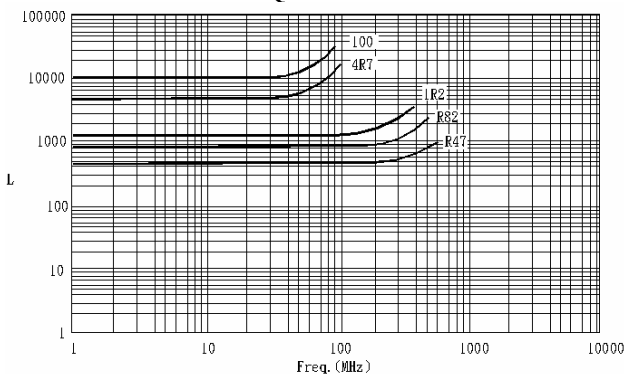
## HBWS 系列適用於高頻

### Electrical Characteristics 電氣特性

Shape(尺寸): 2012(0805)

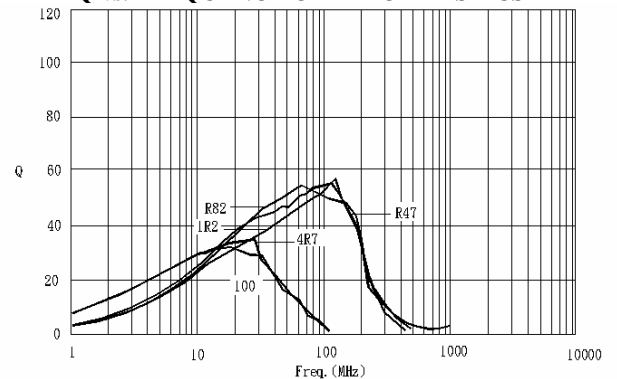
Part Number 料號	Inductance 感值 (nH)	Tolerance 公差	Q Min 品質係數	Self-resonant Frequency (MHz)Min 共振頻率	DC Resistance ( $\Omega$ )Max 直流阻抗	Rated Current (mA)Max 額定電流
HBWS2012-R18	180@ 100MHz	K,J,G	50@ 250MHz	900	0.78	400
HBWS2012-R22	220@ 100MHz	K,J,G	50@ 250MHz	860	1.00	400
HBWS2012-R27	270@ 100MHz	K,J,G	45@ 250MHz	850	1.46	350
HBWS2012-R33	330@ 100MHz	K,J,G	45@ 250MHz	800	1.65	300
HBWS2012-R39	390@ 100MHz	K,J,G	45@ 250MHz	780	2.20	210
HBWS2012-R47	470@ 25.2MHz	K,J,G	45@ 100MHz	375	0.95	500
HBWS2012-R56	560@ 25.2MHz	K,J,G	45@ 100MHz	340	1.10	450
HBWS2012-R68	680@ 25.2MHz	K,J,G	35@ 100MHz	188	1.20	400
HBWS2012-R82	820@ 25.2MHz	K,J,G	35@ 100MHz	215	1.50	300
HBWS2012-1R0	1000 @ 25.2MHz	K,J,G	35@ 50MHz	200	2.13	180
HBWS2012-1R2	1200 @ 7.96MHz	K,J,G	15@ 7.96MHz	200	2.38	150
HBWS2012-1R5	1500 @ 7.96MHz	K,J,G	15@ 7.96MHz	200	2.90	130
HBWS2012-1R8	1800 @ 7.96MHz	K,J,G	15@ 7.96MHz	120	3.00	120
HBWS2012-2R2	2200 @ 7.96MHz	K,J,G	15@ 7.96MHz	110	3.10	110
HBWS2012-2R7	2700 @ 7.96MHz	K,J,G	15@ 7.96MHz	100	3.50	100
HBWS2012-3R3	3300 @ 7.96MHz	K,J,G	15@ 7.96MHz	70	2.30	210
HBWS2012-3R9	3900 @ 7.96MHz	K,J,G	15@ 7.96MHz	60	2.50	200
HBWS2012-4R7	4700 @ 7.96MHz	K,J,G	15@ 7.96MHz	50	2.80	180
HBWS2012-5R6	5600 @ 7.96MHz	K,J,G	15@ 7.96MHz	45	3.00	160
HBWS2012-6R8	6800 @ 7.96MHz	K,J,G	15@ 7.96MHz	45	3.20	130
HBWS2012-8R2	8200 @ 7.96MHz	K,J,G	15@ 7.96MHz	40	3.50	120
HBWS2012-100	10000 @ 2.52MHz	K,J,G	15@ 2.52MHz	40	5.00	80

INDUCTANCE vs. FREQUENCY CHARACTERISTICS



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2. Q is measured with HP-4287A LCR meter and HP-16192 fixture.
3. RDC is measured with HP-4338B milliohm meter
4. Tolerance: B=±0.15nH, S=±0.3nH, G=±2%, J=±5%, K=±10%

Q vs. FREQUENCY CHARACTERISTICS



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公差：B=±0.15nH, S=±0.3nH, G=±2%, J=±5%, K=±10%

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