

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

HBWS series for high frequency

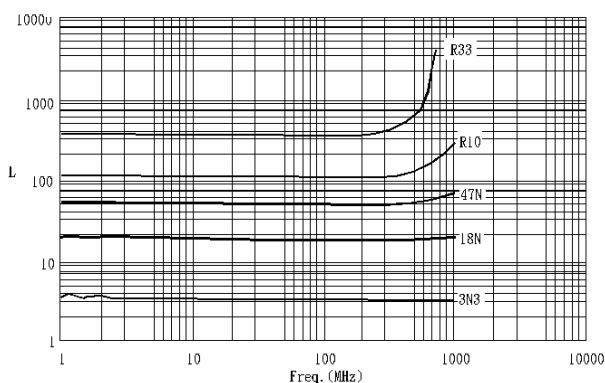
HBWS 系列適用於高頻

Electrical Characteristics 電氣特性

Shape(尺寸): 2520(1008)

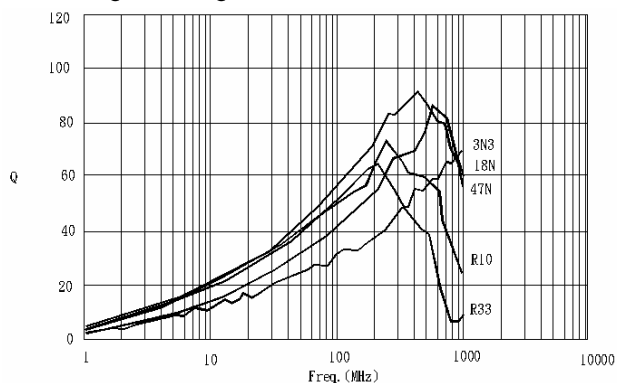
Part Number 料號	Inductance 感值 (nH)	Tolerance 公差	Q Min 品質係數	Self-resonant Frequency (MHz)Min 共振頻率	DC Resistance (Ω)Max 直流阻抗	Rated Current (mA)Max 額定電流
HBWS2520-3N3	3.3 @ 100MHz	B,S	50 @ 1000MHz	6000	0.06	1000
HBWS2520-6N8	6.8 @ 100MHz	K,J,G	50 @ 1000MHz	5500	0.06	1000
HBWS2520-8N2	8.2 @ 100MHz	K,J,G	50 @ 1000MHz	5500	0.06	1000
HBWS2520-10N	10 @ 100MHz	K,J,G	50 @ 1000MHz	4300	0.08	1000
HBWS2520-12N	12 @ 100MHz	K,J,G	60 @ 500MHz	3600	0.08	1000
HBWS2520-15N	15 @ 100MHz	K,J,G	60 @ 500MHz	2700	0.08	1000
HBWS2520-18N	18 @ 100MHz	K,J,G	60 @ 350MHz	2700	0.10	1000
HBWS2520-22N	22 @ 100MHz	K,J,G	60 @ 350MHz	2500	0.10	1000
HBWS2520-27N	27 @ 100MHz	K,J,G	60 @ 350MHz	1800	0.10	1000
HBWS2520-33N	33 @ 100MHz	K,J,G	60 @ 350MHz	1700	0.10	1000
HBWS2520-39N	39 @ 100MHz	K,J,G	60 @ 350MHz	1500	0.10	1000
HBWS2520-47N	47 @ 100MHz	K,J,G	60 @ 350MHz	1500	0.10	1000
HBWS2520-56N	56 @ 100MHz	K,J,G	60 @ 350MHz	1350	0.12	1000
HBWS2520-68N	68 @ 100MHz	K,J,G	60 @ 350MHz	1300	0.15	1000
HBWS2520-82N	82 @ 100MHz	K,J,G	60 @ 350MHz	1100	0.18	1000
HBWS2520-R10	100 @ 100MHz	K,J,G	60 @ 350MHz	1100	0.18	1000
HBWS2520-R12	120 @ 25MHz	K,J,G	45 @ 100MHz	950	0.20	800
HBWS2520-R15	150 @ 25MHz	K,J,G	45 @ 100MHz	880	0.22	800
HBWS2520-R18	180 @ 25MHz	K,J,G	45 @ 100MHz	800	0.33	800
HBWS2520-R22	220 @ 25MHz	K,J,G	45 @ 100MHz	730	0.45	800
HBWS2520-R27	270 @ 25MHz	K,J,G	45 @ 100MHz	650	0.75	600
HBWS2520-R33	330 @ 25MHz	K,J,G	45 @ 100MHz	570	0.90	500
HBWS2520-R39	390 @ 25MHz	K,J,G	45 @ 100MHz	530	1.06	470
HBWS2520-R47	470 @ 25MHz	K,J,G	45 @ 100MHz	480	1.17	420
HBWS2520-R56	560 @ 25MHz	K,J,G	45 @ 100MHz	430	1.50	310
HBWS2520-R68	680 @ 25MHz	K,J,G	45 @ 100MHz	380	2.06	230
HBWS2520-R75	750 @ 25MHz	K,J,G	45 @ 100MHz	360	2.20	200
HBWS2520-R82	820 @ 25MHz	K,J,G	45 @ 100MHz	350	2.30	180
HBWS2520-R91	910 @ 25MHz	K,J,G	45 @ 100MHz	330	3.18	150
HBWS2520-1R0	1000 @ 25MHz	K,J,G	35 @ 50MHz	310	3.30	120

INDUCTANCE 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%

Q vs. FREQUENCY CHARACTERISTICS



- 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%

* Max Echo reserves the rights for revising the content of this catalog without further notification.

鈺鎧保留更改此目錄中任何內容之權利。而不再另行通知。

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

HBWS series for high frequency

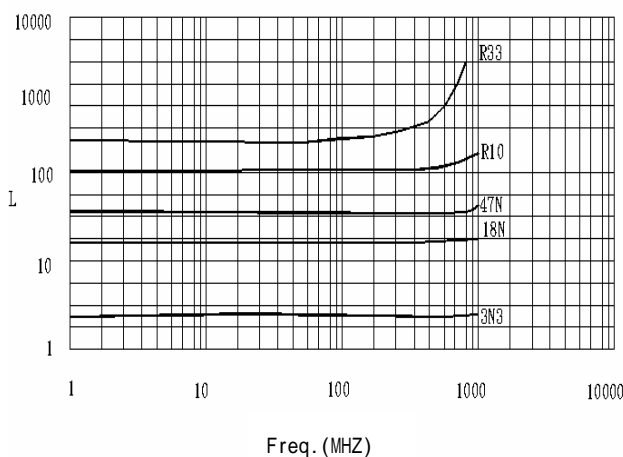
HBWS 系列適用於高頻

Electrical Characteristics 電氣特性

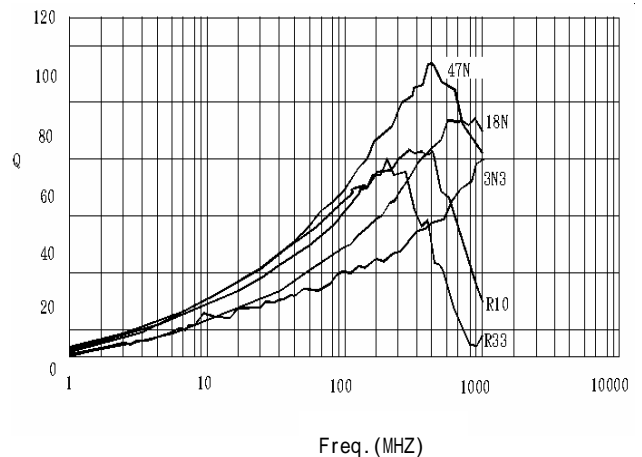
Shape(尺寸): 2520(1008)

Part Number 料號	Inductance 感值 (uH)	Tolerance 公差	Q Min 品質係數	Self-resonant Frequency (MHz)Min 共振頻率	DC Resistance (Ω)Max 直流阻抗	Rated Current (mA)Max 額定電流
HBWS2520-1R2	1.2@7.96MHz	K,J,G	20@7.96MHz	280	1.30	230
HBWS2520-1R5	1.5@7.96MHz	K,J,G	20@7.96MHz	250	1.65	220
HBWS2520-1R8	1.8@7.96MHz	K,J,G	20@7.96MHz	200	2.20	210
HBWS2520-2R2	2.2@7.96MHz	K,J,G	20@7.96MHz	160	2.35	200
HBWS2520-2R7	2.7@7.96MHz	K,J,G	20@7.96MHz	130	2.60	195
HBWS2520-3R3	3.3@7.96MHz	K,J,G	20@7.96MHz	80	2.85	185
HBWS2520-3R9	3.9@7.96MHz	K,J,G	20@7.96MHz	50	4.00	180
HBWS2520-4R7	4.7@7.96MHz	K,J,G	20@7.96MHz	45	4.30	175
HBWS2520-5R6	5.6@7.96MHz	K,J,G	20@7.96MHz	42	2.60	170
HBWS2520-6R8	6.8@7.96MHz	K,J,G	20@7.96MHz	39	2.80	165
HBWS2520-8R2	8.2@7.96MHz	K,J,G	20@7.96MHz	36	3.05	160
HBWS2520-100	10@2.52MHz	K,J,G	15@2.52MHz	33	3.50	150
HBWS2520-120	12@2.52MHz	K,J,G	15@2.52MHz	30	3.60	140
HBWS2520-150	15@2.52MHz	K,J,G	15@2.52MHz	26	4.00	130
HBWS2520-180	18@2.52MHz	K,J,G	15@2.52MHz	24	4.50	120
HBWS2520-220	22@2.52MHz	K,J,G	15@2.52MHz	22	4.80	110
HBWS2520-270	27@2.52MHz	K,J,G	15@2.52MHz	21	5.30	95
HBWS2520-330	33@2.52MHz	K,J,G	15@2.52MHz	20	6.10	85
HBWS2520-390	39@2.52MHz	K,J,G	15@2.52MHz	18	8.30	60
HBWS2520-470	47@2.52MHz	K,J,G	15@2.52MHz	17	12.00	45

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%

* Max Echo reserves the rights for revising the content of this catalog without further notification.
鈺鎧保留更改此目錄中任何內容之權利。而不再另行通知。

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):3225(1210)

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 (Ω)Max 直流阻抗	Rated Current (mA)Max 額定電流
HBWS3225-4N7	4.7 @ 100MHz	B,S	50 @ 1000MHz	6000	0.06	1000
HBWS3225-5N6	5.6 @ 100MHz	K,J,B	50 @ 1000MHz	5500	0.08	1000
HBWS3225-10N	10 @ 100MHz	K,J,G	60 @ 500MHz	4000	0.06	1000
HBWS3225-12N	12 @ 100MHz	K,J,G	60 @ 500MHz	3400	0.06	1000
HBWS3225-15N	15 @ 100MHz	K,J,G	60 @ 500MHz	3200	0.06	1000
HBWS3225-18N	18 @ 100MHz	K,J,G	60 @ 300MHz	2800	0.06	1000
HBWS3225-22N	22 @ 100MHz	K,J,G	60 @ 300MHz	2300	0.08	1000
HBWS3225-27N	27 @ 100MHz	K,J,G	60 @ 300MHz	2000	0.08	1000
HBWS3225-33N	33 @ 100MHz	K,J,G	60 @ 300MHz	1800	0.08	1000
HBWS3225-39N	39 @ 100MHz	K,J,G	60 @ 300MHz	1800	0.08	1000
HBWS3225-47N	47 @ 100MHz	K,J,G	60 @ 300MHz	1600	0.08	1000
HBWS3225-56N	56 @ 100MHz	K,J,G	60 @ 300MHz	1500	0.10	1000
HBWS3225-68N	68 @ 100MHz	K,J,G	60 @ 300MHz	1300	0.10	1000
HBWS3225-82N	82 @ 100MHz	K,J,G	60 @ 300MHz	1200	0.10	1000
HBWS3225-R10	100 @ 100MHz	K,J,G	60 @ 300MHz	1100	0.10	1000
HBWS3225-R12	120 @ 50MHz	K,J,G	60 @ 300MHz	900	0.12	800
HBWS3225-R15	150 @ 50MHz	K,J,G	60 @ 300MHz	800	0.18	800
HBWS3225-R18	180 @ 50MHz	K,J,G	60 @ 300MHz	760	0.21	800
HBWS3225-R22	220 @ 50MHz	K,J,G	60 @ 300MHz	760	0.27	800
HBWS3225-R27	270 @ 50MHz	K,J,G	50 @ 300MHz	660	0.33	700
HBWS3225-R33	330 @ 50MHz	K,J,G	50 @ 100MHz	550	0.37	650
HBWS3225-R39	390 @ 50MHz	K,J,G	50 @ 100MHz	500	0.63	600
HBWS3225-R47	470 @ 50MHz	K,J,G	50 @ 100MHz	450	0.69	550
HBWS3225-R56	560 @ 50MHz	K,J,G	50 @ 100MHz	400	0.90	450
HBWS3225-R68	680 @ 25MHz	K,J,G	50 @ 100MHz	380	1.05	400
HBWS3225-R82	820 @ 25MHz	K,J,G	50 @ 100MHz	350	1.45	350
HBWS3225-1R0	1000 @ 25MHz	K,J,G	45 @ 100MHz	300	1.90	280
HBWS3225-1R2	1200 @ 7.96MHz	K,J,G	45 @ 50MHz	300	2.20	250
HBWS3225-1R5	1500 @ 7.96MHz	K,J,G	45 @ 50MHz	250	2.43	220
HBWS3225-1R8	1800 @ 7.96MHz	K,J,G	45 @ 50MHz	200	3.36	180
HBWS3225-2R2	2200 @ 7.96MHz	K,J,G	40 @ 50MHz	200	3.50	150

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%

* Max Echo reserves the rights for revising the content of this catalog without further notification.

鈺鎧保留更改此目錄中任何內容之權利。而不再另行通知。