

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

## HPWS series for high current

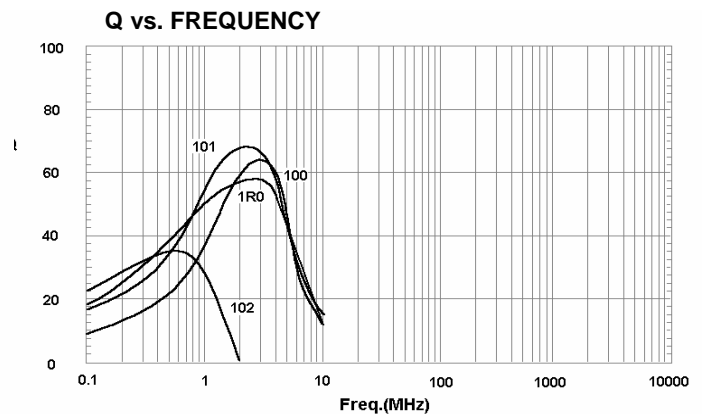
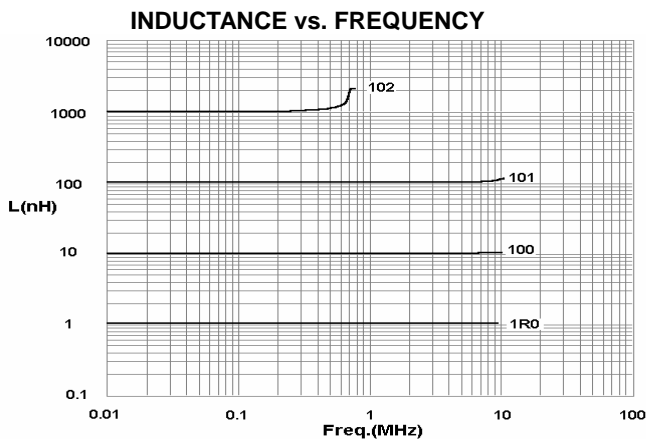
## HPWS 系列適用於大電流

### Electrical Characteristics 電氣特性

Shape(尺寸): 2520(1008)

Part Number 產品料號	Inductance 感值 ( $\mu\text{H}$ )	Tolerance 公差	Q Min 品質係數	Self-resonant Frequency (MHz) Min 共振頻率	DC Resistance ( $\Omega$ ) Max 直流電阻	Rated Current (mA) Max 額定電流
HPWS2520-1R0	1.0@100KHZ	M	35@1MHz	344	0.05	1000
HPWS2520-1R5	1.5@100KHZ	M	35@1MHz	260	0.06	800
HPWS2520-1R8	1.8@100KHZ	M	35@1MHz	225	0.09	680
HPWS2520-2R7	2.7@100KHZ	M	38@1MHz	185	0.14	650
HPWS2520-3R9	3.9@100KHZ	M	38@1MHz	175	0.26	650
HPWS2520-4R7	4.7@100KHZ	M	38@1MHz	160	0.35	500
HPWS2520-5R6	5.6@100KHZ	M	38@1MHz	150	0.40	450
HPWS2520-6R8	6.8@100KHZ	M	38@1MHz	120	0.60	400
HPWS2520-100	10@100KHZ	M	38@1MHz	100	0.95	250
HPWS2520-150	15@100KHZ	M	38@1MHz	35	1.15	220
HPWS2520-220	22@100KHZ	M	40@1MHz	26	1.40	180
HPWS2520-330	33@100KHZ	M	45@1MHz	20	1.60	150
HPWS2520-390	39@100KHZ	M	45@1MHz	14	1.85	130
HPWS2520-470	47@100KHZ	M	45@1MHz	14	2.50	110
HPWS2520-680	68@100KHZ	M	45@1MHz	12	3.80	100
HPWS2520-820	82@100KHZ	M	45@1MHz	9.0	4.20	100
HPWS2520-101	100@100KHZ	M	45@1MHz	7.0	5.80	80
HPWS2520-121	120@100KHZ	M	45@1MHz	6.0	6.20	60
HPWS2520-151	150@100KHZ	M	40@1MHz	5.6	7.50	50
HPWS2520-221	220@100KHZ	M	40@1MHz	4.0	10.00	50
HPWS2520-331	330@100KHZ	M	40@1MHz	3.8	11.50	50
HPWS2520-471	470@100KHZ	M	35@1MHz	2.0	16.50	50
HPWS2520-561	560@100KHZ	M	35@1MHz	2.0	18.00	30
HPWS2520-681	680@100KHZ	M	30@1MHz	1.8	24.00	30
HPWS2520-821	820@100KHZ	M	30@1MHz	1.5	26.00	30
HPWS2520-102	1000@100KHZ	M	30@1MHz	1.3	30.00	30

1. Inductance is measured with E4991A LCR meter and HP-16192 fixture. 電感值以 E4991A LCR meter 及 HP-16192 治具量測
2. Q is measured with E4991A LCR meter and HP-16192 fixture. 品質係數以 E4991A LCR meter 及 HP-16192 治具量測
3. RDC is measured with HP-4338B milliohm meter 直流電阻以 HP-4338B 毫歐姆錶量測
4. Tolerance: B= $\pm 0.2\text{nH}$ , S= $\pm 0.3\text{nH}$ , G= $\pm 2\%$ , J= $\pm 5\%$ , K= $\pm 10\%$  公差：B= $\pm 0.2\text{nH}$ , S= $\pm 0.3\text{nH}$ , G= $\pm 2\%$ , J= $\pm 5\%$ , K= $\pm 10\%$



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