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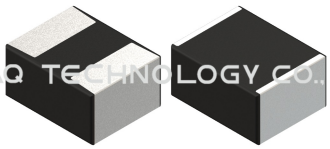
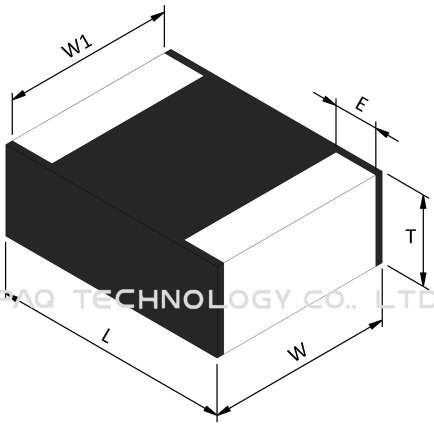
WPA201612S-R47ML

AEC-Q200 ROHS HF

外觀&形狀





Series	L [mm]	W [mm]	W1 [mm]	T [mm]	E [mm]
201610	2.0±0.2	1.6±0.2	1.4±0.2	1.0 max.	0.6±0.3
201612	2.0±0.2	1.6±0.2	1.4±0.2	1.2 max.	0.5±0.3
252010	2.5±0.2	2.0±0.2	1.8±0.2	1.0 max.	0.6±0.3
252012	2.5±0.2	2.0±0.2	1.8±0.2	1.2 max.	0.6±0.3

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規格

長(公釐)	2.0±0.2
寬(公釐)	1.6±0.2
高(公釐)	1.2 max.
尺寸代碼英吋(公釐)	0806/2016
感值(uH)	0.47
典型值直流阻抗(mΩ)	21
最大值直流阻抗(mΩ)	25
典型值飽和電流(A)	5.4
最大飽和電流(A)	5
典型值溫升電流(A)	5.1
最大溫升電流(A)	4.6
品質因素	30
自我諧振頻率[MHz]	>120
耐壓(DC)	20V DC
操作溫度℃	-40℃ to +150℃

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特點

Notes

1. Customized design is available, please contact us.

2. All test referenced to 25°C ambient.

3. Inductance tolerance +/- 20%.

4. Inductance is measured with Agilent® LCR meter 4285A (or equivalent) at 1MHz/1V.

5. DC resistance is measured with HIOKI® micro-ohm meter RM3542 or equivalent.

6. Isat：DC current (A) that will cause Li to drop approximately 30%.

7. Irms：DC current (A) that will cause an approximate ΔT of 40°C.

8. The rated current value is following either Isat (max.) or Irms (max), which value is lower one.

9. The part temperature (ambient + temp rise) should not exceed 125°C under worst case operating conditions. PCB land pattern, trace size - thick, circuit design and proximity to other components are all the factors will affect the temperature performance of the device. Therefore, it should be approved in application conditions and end product.

10. Rated voltage:20V DC (max.)

包裝訊息

包裝尺寸(Inch)	標準包裝(KPCS)	單重(gram)	濕敏等級
7	3	0.02167	1

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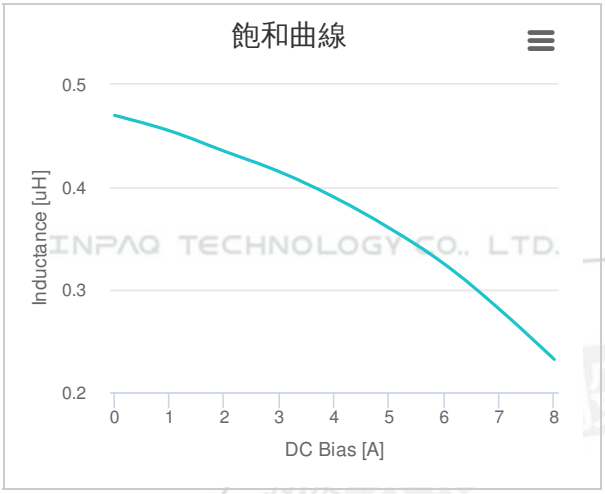
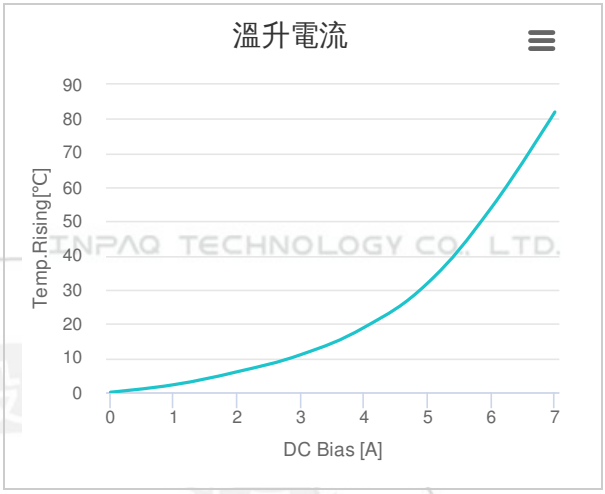
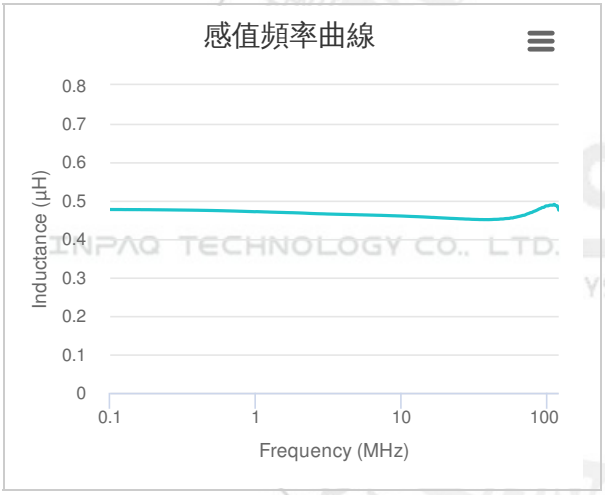
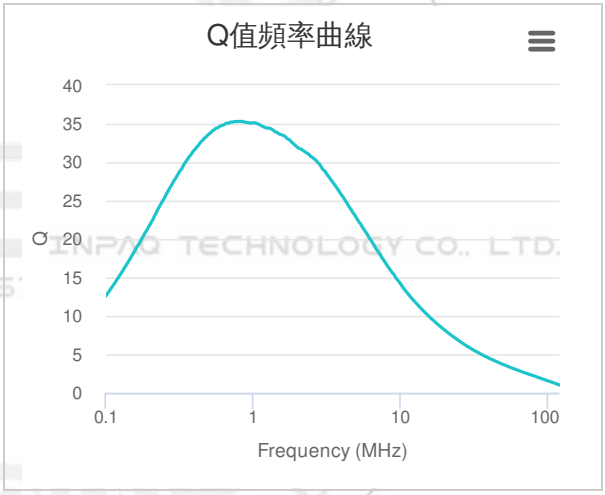
特性曲線









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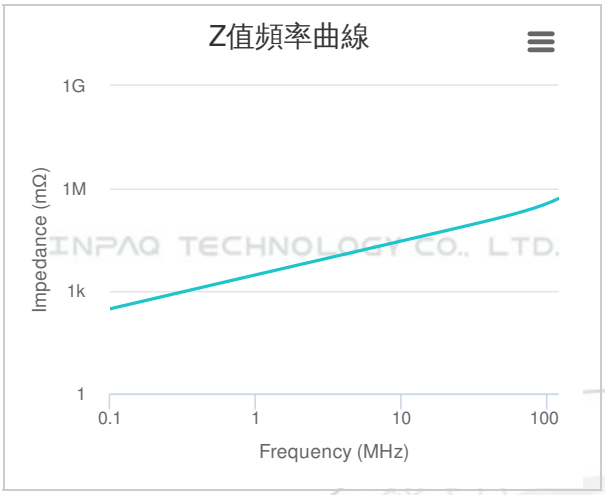

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