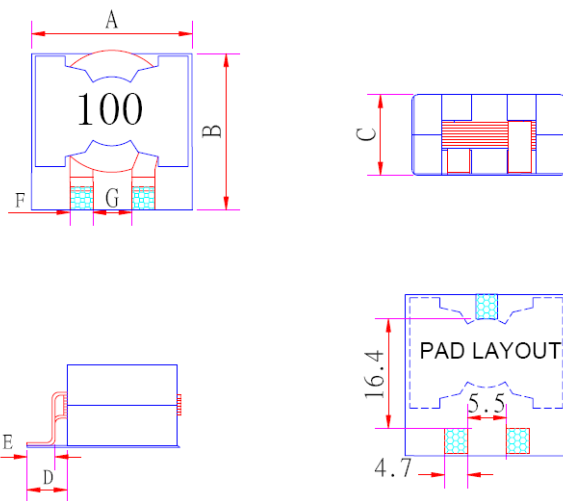


## Power Inductor

**XWP-SMTPQ2614H-100K**

Page : 1/2

### 1.MECHANICAL DIMENSIONS



Item項目	Spec.(規格mm)	Typ.(參考值)	Item項目	Spec.(規格mm)	Typ.(參考值)
A	27.9 MAX	27.42	F	4.0 REF	
B	26.9 MAX	26.65	G	6.1 REF	
C	15.9 MAX	13.89	H		
D	6.5 REF	6.52	I		
E	3.8 REF		J		

## Power Inductor

**XWP-SMTPQ2614H-100K**

Page : 2/2

3. ELECTRICAL CHARACTERISTICS (電特性要求) :			
Item (項目)	Specifications (規格)	Typ. (參考值)	Test equipments (測試設備) :
L	10.0uH +- 10%	9.81uH	HP4284A PRECISION LCR METER
L Load	+18A:L DROP 10% REF	9.12uH	HP4284A WITH HP42841A CURRENT SOURCE
Test Freq.	@500kHz 0.1V		HP4284A PRECISION LCR METER
DCR	2.05mOHM MAX	1.86mOHM	CHENHWA 502 OHM METER
I sat.	18A		HP4284A WITH HP42841A CURRENT SOURCE
I rms.	30A		HP4284A WITH HP42841A CURRENT SOURCE
Turns	4.75Ts		
Ope.Temp.	-40 TO 105°C		HC-D3M TEMP. & HUMIDITY CHAMBER
Stor.Temp.	-40 TO 105°C		HC-D3M TEMP. & HUMIDITY CHAMBER