

CA1918W-STP802P0315-1310

Product standard of spec sheet

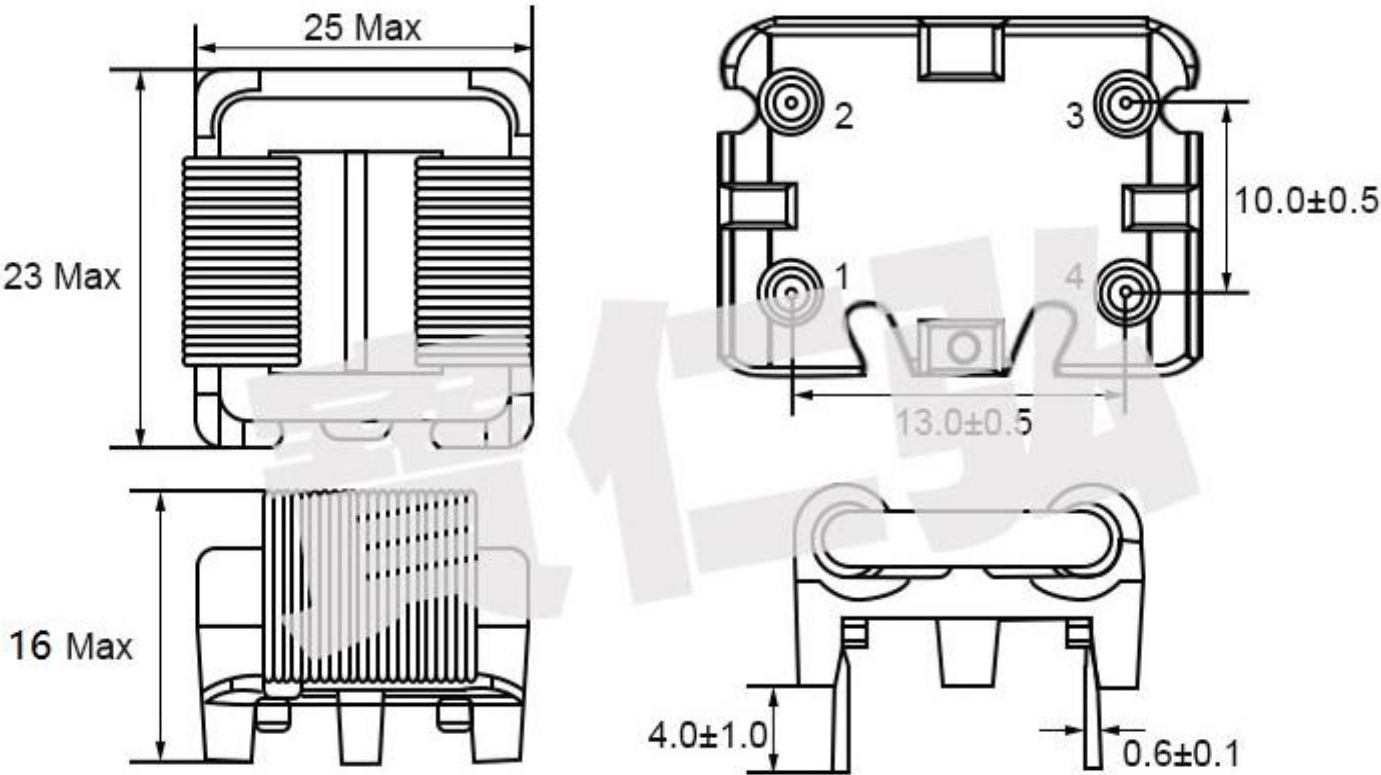


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◎Shape&Dimensions 形狀與尺寸:

UNIT:mm



◎Electrical Diagram 電性圖:

Electrical Diagram	Winding Sequence

◎Winding 产品绕制要求:

WINDING	MATERIAL	START--FINISH	TURNS	REMARK
N1	0.3*1.5mm 扁平线	1-2	35Ts REF.	密绕
N2	0.3*1.5mm 扁平线	4-3	35Ts REF.	密绕

◎Electrical Characteristics 电气特性:

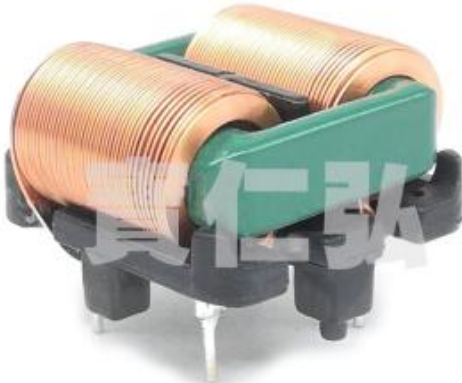
NO	Item	Spec	Test Equipment	Test condition
1	L(1-2)(4-3)	8.0mH MIN	TH2816A/TH2832/ CHENHWA UC2906	1KHz/0.25V/25℃/ 内阻30Ω
2	DC Resistance (1-2)(4-3)	0.8 Ω MAX	CHENHWA 502A	
3	Difference/Inductanc e/ L(1-2)-L(4-3)	0.3mH MAX	TH2816A/TH2832/ CHENHWA UC2906	
4	Rated Current(A) Input 220V	5.0A MAX		
5	HI-POT TEST AC 50Hz	COIL TO COIL	E-SUN 19053	1.5KV/3mA 60s
6	Insulation Resistance.DC 500V			100M OHM MIN

In case of doubt: Test the samples after putting it in the room temperature of 25℃~40℃ for 5~6 hours

◎Material 產品材料：

ITEM	MATERIAL	CALSS	SUPPLTER	UL NO.
BOBBIN	PHENOLIC T375HF	150℃	CHANG CHUN PLASTICS CO., LTD	E59481
CORE	1918 M10K		HENGRUI MATERIAL CO., LTD	
COPPER WIRE	SFT-UEWH	180℃	ZHUHAI SUNTEK WIRE CO., LTD	E234867
VARNISH	E59	130℃	ZHUHAI CHANGXIAN INDUSTRIAL CO., LTD	E335405

©Test Datas For Samples 樣品測試數據：

MEAS. Item	8mH MIN		Product Diagram
Suggest	1-2	4-3	
1	13.84	12.82	
2	14.29	14.25	
3	12.24	12.26	
4	12.12	12.15	
5	11.98	11.97	
6	12.06	12.08	
7	12.25	12.26	
8	13.18	13.15	
9	14.05	14.07	
10	13.39	13.39	
$\overline{X}$	12.94	12.84	
R	2.31	2.28	

The test data above is only for reference, actual results may differ due to different production batches.

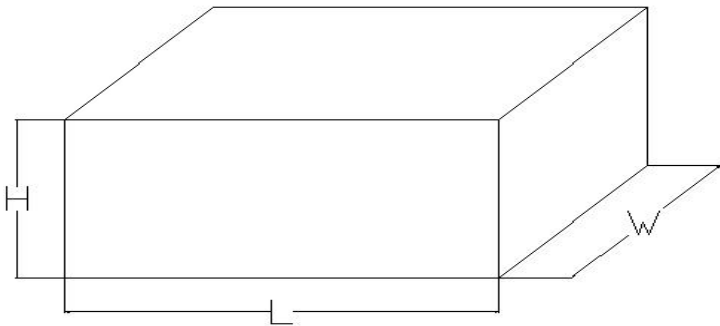
◎Test Datas For Samples 樣品測試數據：

MEAS. Item	23.0 MAX	25.0 MAX	14.0 MAX	4.0±1.0	0.6±0.1
1	21.81	22.86	13.41	3.60	0.63
2	21.92	22.65	13.35	3.65	0.65
3	20.68	22.59	13.42	3.62	0.62
4	20.59	22.63	13.39	3.68	0.63
5	21.03	22.61	13.57	3.65	0.63
6	21.23	22.75	13.58	3.63	0.64
7	20.36	22.54	13.46	3.68	0.62
8	21.08	22.59	13.55	3.65	0.63
9	21.12	22.74	13.47	3.65	0.61
10	20.98	22.68	13.68	3.68	0.62
$\overline{X}$	21.08	22.66	13.49	3.65	0.63
R	1.56	0.32	0.33	0.08	0.04

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◎Packing 包裝：

- A. Quantilty per box :According to customer’s request.
- B. With PE tapes.
- C. Package Dimensions (mm):



L(mm)	W(mm)	H(mm)
350 MAX	350 MAX	170 MAX

- D. Lable Items:
- * Customer
 - * Quantity
 - * Part. Number
 - * Lot. Number
 - * PROSPERITY ELECTRONICS CO.,LTD

- E. Storage:
- * Please be sure to store the package at no more than 35℃and 70%RH , keep the package in the atmosphere free of sulphur and chlorine.

◎Reliability Test 可靠性測試:

STORAGE TEMPERATURE	-25℃~85℃
OPERATING TEMPERATURE RANGE :	-25℃~+85℃(CONTAIN HEATING COIL)
EXTERNAL APPEARANCE	NO EXTERNAL DEFECTS CAN BE FOUND IN THE VISUAL INSPECTION.
TERMINAL STRENGTH	FIXED INDUCTORS,ONE END OF THE ELECTRODE WITH 0.45KG PULLING FORCE,GUIDED THE NEEDLE DOES NOT FALL OFF.
INSULATING RESISTANCE	THE INSULATION RESISTANCE SHOULD BE OVER 1000MΩ WHEN D.C.100V IS APPLIED TO THE WINDING -CORE. MEANWHILE NO STRUCTURE AND ELECTRIC DEFECTS SHOULD BE FOUND FOR 1 MINUTE.
HUMIDITY TEST	INDUCTANCE DEVIATION IS WITHIN ±10.0% AND NO STRUCTURE AND ELECTRIC DEFECTS CAN BE FOUND AFTER 96±2hours TEST UNDER THE CONDITIONOF RELATIVE HUMIDITY OF 90~95% AND TEMPERATURE OF 40±5℃. AND 1 HOUR STORAGE UNDER ROOM AMBIENT CONDITIONS AFTER THE DEVICE IS WIPED WITH DRY CLOTH.
VIBRATION TEST	INDUCTANCE DEVIATION IS WITHIN ±10.0% AFTER 1 HOUR SWEEPING VIBRATION IN EACH THREE DIRECTIONS. NAMELY, FREQUENCY IS10~55Hz ANDTHE AMPLITUDE OF 1MINUTE CYCLE IS 1.5mm .