

※ This document is a temporary specification which does not include whole information about the product.
 ※ This document is subject to be changed for approving product quality without notice.

SPECIFICATIONS	ITEM	LINE FILTER	Rev
	TNC SPEC NO	CH930230SU	0

1. ELECTRICAL CHARACTERISTIC

NO	ITEM	TERMINAL	SPECIFICATION			REMARKS
1	RATED VOLTAGE	LINE TO LINE	AC 250V			
2	RATED CURRENT	START-FINISH	3.0A			
3	INDUCTANCE	START-FINISH	16KHz	23.0mH	+ 50%, -30%	HP-4194A 1V (25℃±2℃)
4	TEMPERATURE RISE	AT RATED CURRENT	55℃ MAX			
5	DC RESISTANCE	START-FINISH	111 mΩ MAX			HIOKI 3540 (25℃±2℃)
6	WITHSTANDING VOLTAGE	LINE TO LINE	AC 1,500V 1 MINUTE.			TOS-5101 CUT OFF CURRENT (5mA)
7	INSULATION RESISTANCE	LINE TO COVER	DC 500V, 300MΩ MIN.			TOS-8850

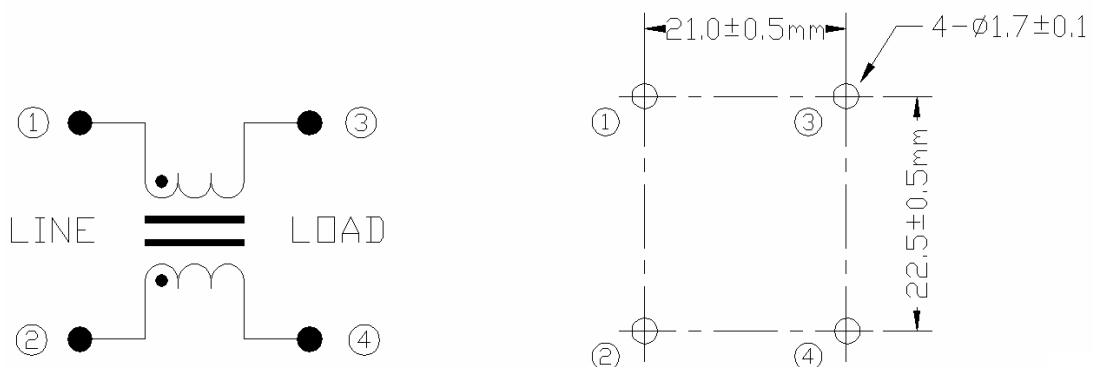
2. OPERATING TEMPERATURE RANGE

-25℃ TO +115℃ INCLUDING TEMPERATURE RISE.

3. KEEP TEMPERATURE RANGE

-10℃ ~ +60℃.

4. CIRCUIT DIAGRAM



Minimum PCB piercing plan

#125 , WOLMUN-RI, PALTAN-MYEON,
 HWASEONG-SI, KYUNGGI-DO, KOREA 445-914
 TEL : 82+(0)313543160
 FAX : 82+(0)313543156

TNC
TNC Co.,LTD

PAGE

1/2

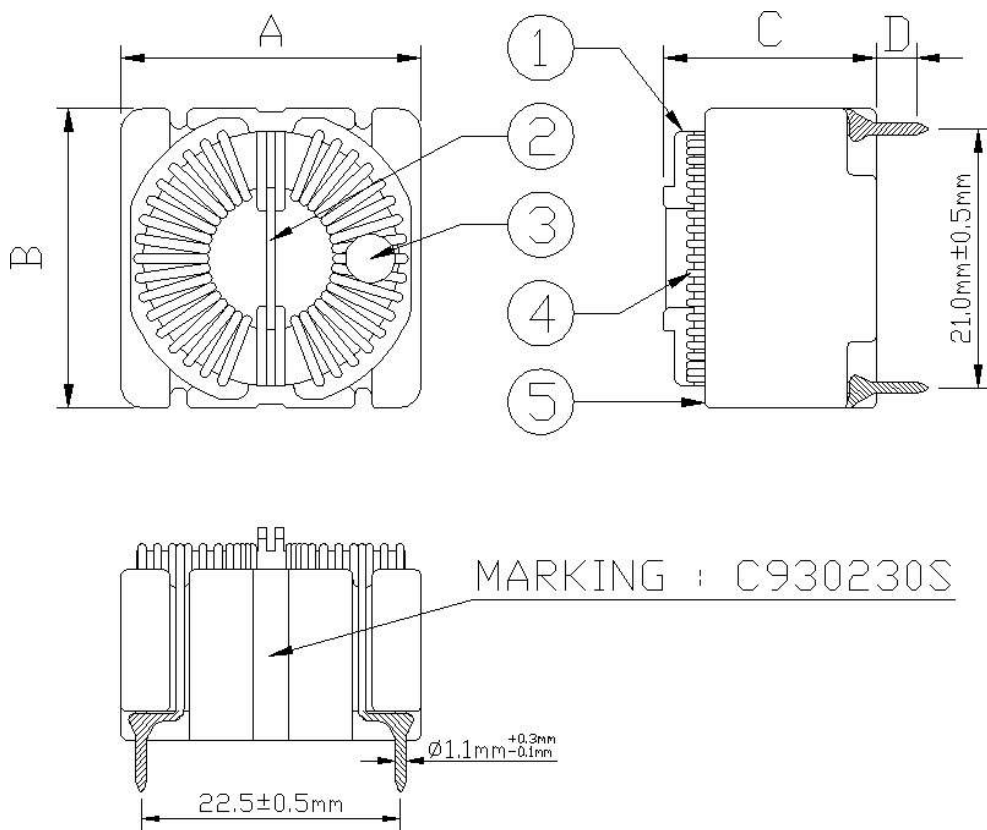
※ This document is a temporary specification which does not include whole information about the product.
 ※ This document is subject to be changed for approving product quality without notice.

SPECIFICATIONS	ITEM	LINE FILTER	Rev
	TNC SPEC NO	CH930230SU	0

5. WINDING SPECIFICATION

NO	TERMINAL		WIRE	TURNS	WINDING METHOD	UNBALANCE SPECIFICATION
	START	FINISH				
L1	1	3	UEW 0.7Φ	52 ±3Ts	HANDMADE	BETWEEN L1 AND L2 (0.9mH MAX)
L2	2	4				

6. SHAPE AND DIMENSION



DIMENSION	A	B	C	D
	28.0mm MAX	28.0mm MAX	20.0mm MAX	4.0±1.0mm

#125 , WOLMUN-RI, PALTAN-MYEON,
 HWASEONG-SI, KYUNGGI-DO, KOREA 445-914
 TEL : 82+(0)313543160
 FAX : 82+(0)313543156

TNC
TNC Co.,LTD

PAGE

2/2