



CUSTOMER : (주)엘레파츠



# S P E C I F I C A T I O N

( Rev No: 1.00 )

## APPLICATION FOR APPROVAL OF

I T E M	CHOKE COIL
SPECIFICATION	C13-A5 V
C O D E N O.	SCC13060NV-L100
MODEL NAME	C13-100uH
MAKER SPEC NO.	

This space is used for customer's approval



**YEON JEON SA**

Na-3102, Jungang Circulation Complex, 1258

Guro-dong, Guro-gu, Seoul, Korea

TEL : 02-6679-3102 FAX : 02-6679-3103

E-Mail : yeonjeonsa@daum.net

D A T E : 2015-8-24

DRAWN BY K.S Rhyoo	DATE 2015-08-24
CHECKED BY	DATE 2015-08-24
APPROVED BY S. H. YU	DATE 2015-08-24

# SPECIFICATIONS

CODE	SCC13060NV-L100	ITEM	CHOKE COIL
		SIZE	C13-A5 ( V )

## 1. GENERAL SPECIFICATION

### 1) SCOPE

This specification applies to part number SCC13060NV-L100 CHOKE COIL  
for use in electronic appliances with is supplied for COMMON

## 2. MECHANICAL CHARACTERISTIC

CHOKE COIL shall conform in size, mounting dimension, and other mechanical properties, to the part drawing attached here to.


- 1) MARKING : CHOKE COIL shall be permanently and legibly marked with the part number on the specification position.
- 2) TERMINAL STRENGTH : Terminal shall withstand for 30 seconds without breakdown on losing when a static load of 2 Kg is applied in the drawing direction to the terminal at the point where the external load.

## 3. ENVIRONMENTAL & LIFE CHARACTERISTIC

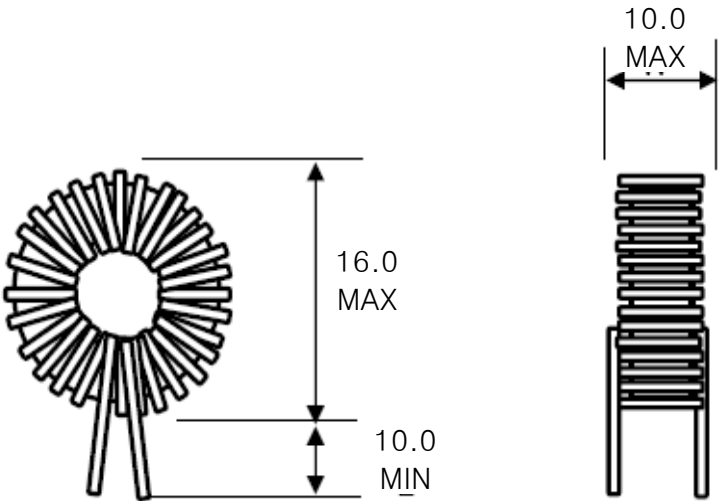
- 1) TEMPERATURE RISE : Temperature rise of the each winding and core shall be less than ambient + 65℃ ,when the CHOKE COIL continuously operated at full load(test load) until constant temperature is attained
- 2) HEAT-RESISTANCE : After 96±4 hours, 120℃±2℃ the insulation resistance should more than 100MΩ when be measured after 1~2hours in the standard condition.
- 3) MOISTURE RESISTANCE : After 120±4 hours, 55℃±2℃ and 90~95% relative humidity the insulation resistance should more than 10MΩ when be measured after 1~2hours in the standard condition and wiped a drop of water.
- 4) SAFETY CONSIDERATION : CHOKE COIL shall meet the all requirements subject to IEC-950 standards for safety of information technology equipment including electrical business equipment.

REVISION

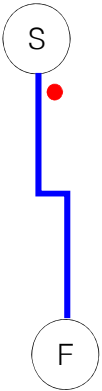
[illegible]

CUSTOMER :				PAGE NO	4 / 5
 <b>SPECIFICATION</b>				REVISION NO.	1.00
				ITEM	CHOKE COIL
MODEL	C13-100uH	CODE NO.	SCC13060NV-L100	SIZE	C13-A5 V

1. APPEARANCE & DIMENSIONS (UNIT : mm)




2.SCHEMATIC DIAGRAM



3.WINDING SPECIFICATION

NO	PIN NO	WINDING			REFERENCE	
	S → F	WIRE	Ts	Winding Method		
W1	S-> F	1UEW 0.60Ø	52Ts±1T	HAND WIND		

CUSTOMER :				PAGE NO	5 / 5
 <b>SPECIFICATION</b>				REVISION NO.	1.00
				ITEM	CHOKE COIL
MODEL	C13-100uH	CODE NO.	SCC13060NV-L100	SIZE	C13-A5 V

#### 4.ELECTRICAL SPECIFICATION

NO	ITEM	TERMINAL	SPEC	REMARK
1	INDUCTANCE	S - > F	100.0 uH ± 20 %	LCR METER at 1kHz 1V
2	DC RESISTANCE	S - > F	280 mΩ MAX	HIOKI 3220
3	INSULATION RESISTANCE	COIL TO CORE	100MΩ MIN DC 500V	MEGA OHM METER

#### 5. MATERIAL LIST

NO	COMPONENT PART NAME	GENERIC NAME / TYPE No	MANUFACTURE	UL FILE NO.
1	CORE	C13-A5	CORE ELECTRONICS Co.,LTD KDM or EQV	
2	WIRE	1UEW 0.60Φ	DONG YANG ELECTRONICS Co.,LTD. MIRE Electronics Co.,Ltd or EQV	E84441
3	SOLDER	AOE-102	ALPHA OMEGA METAL CO.	
4	FLUX	EVD-1090	E-WON CAM TEC or EQV	