

# 承認書

RoHS Compliant

環保品

## Approval Specification

日期DATE: 2016/06/14

客戶 Customer : INCOMP

品名 Description : DATA LINE FILTER

產品編號 Part NO. : ECAK-EL6E-B

客戶料號 CUST. P/N : USB-4

規格圖提出形式( ■ )

新產品 New application

新產品追加記錄 New part(s) added to accepted specification

規格變更 Revision of accepted specification

備註:

請蓋上確認章後回傳，謝謝。

Please send us the specification with acceptance stamp.

【客戶承認 CUSTOMER STAMP】

確認	審查	製作
Joseph	Joseph	Jack



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## 變更記錄 Variation register

版本/版次 Edition	變更理由 Reason	變更內容 Content	變更日期 Date
1/1		New application	2016/06/14

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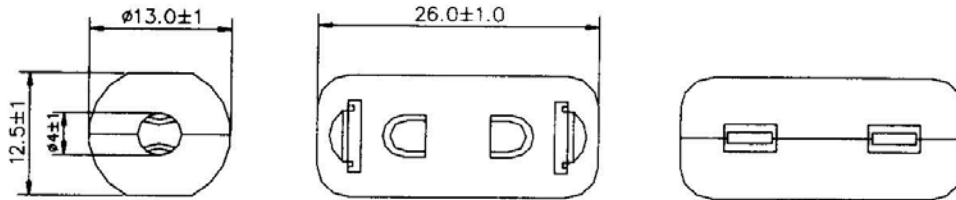
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## 1. DIMENSION ( UNIT : mm )

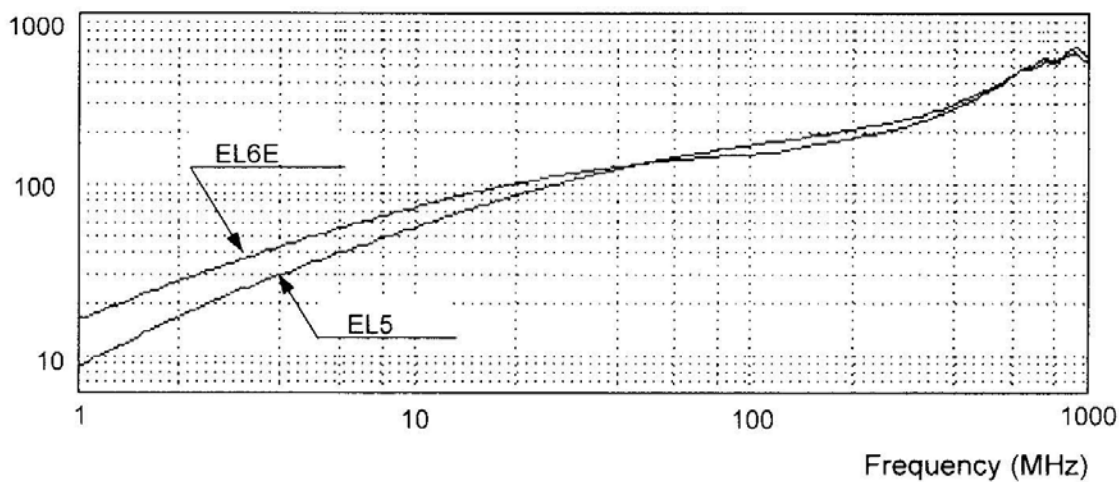


## 2. ELECTRICAL CHARACTERISTICS

No.	ITEM	COLOR	IMPEDANCE	MEASURING FREQUENCY	APPLICABLE CABLE	TESTING CONDITION	MEASURING INSTRUMENT
1	ECAK-EL6E-B	BLACK	50Ω Min.	50~1000MHz	Ø2.5mm<D<Ø4.0mm	Ø1.0×100mm 2UEW TRUNS: 1 T (UNLOADED)	HP-4291B OR EQUIVALENT
2	*****	GREY					
3	*****	BLACK	70Ω Min.	25MHz			
			120Ω Min.	100MHz			
4	*****	GREY	70Ω Min.	25MHz			
			120Ω Min.	100MHz			

## 3. IMPEDANCE-FREQUENCY CHARACTERISTICS (TYPICAL VALUE)

|Z| (Ω)



4. STORAGE TEMPERATURE: -40 ~ +85°C

5. OPERATION TEMPERATURE: -10 +50°C

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## 6. RELIABILITY TEST STANDARD

\* STANDARD TESTING CONDITIONS:

UNLESS OTHERWISE SPECIFIED, THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MEASUREMENTS AND TESTS ARE AS FOLLOWS: AMBIENT TEMPERATURE: 15°C TO 35°C. RELATIVE HUMIDITY : 25% TO 85%.

AIR PRESSURE : 86kPa TO 106kPa.

IF THERE IS ANY DOUBT ABOUT THE RESULTS, MEASUREMENT SHALL BE MADE WITHIN THE FOLLOWING

LIMITS: AMBIENT TEMPERATURE: 20°C±1°C. RELATIVE HUMIDITY : 63% TO 67%. AIR PRESSURE : 86kPa TO 106kPa.

No.	ITEMS	CONDITIONS	SPECIFICATION										
1	OPEN-CLOSE TEST	OPEN,CLOSE 50 TIMES	NO ABNORMALITY										
2	FALLING TEST	TO FALL FROM THE HEIGHT OF 70cm TO A WOOD BOARD, 3 TIMES.	NO MECHANICAL BREAKAGE AND THE ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED.										
3	VIBRATION TEST	AMPLITUDE:1.5mm P-P FREQUENCY:10~55~10Hz (1 MINUTE PER CYCLE) DURATION:2 HOURS IN EACH OF X, Y, Z AXIS (TOTAL 6 HOURS)											
4	HUMIDITY TEST	TEMPERATURE: 40°C±2°C HUMIDITY: 90%~95%RH DURATION:96±4 HOURS.											
5	HIGH TEMPERATURE STORAGE TEST	TEMPERATURE: 85°C±2°C DURATION:96±4 HOURS.											
6	LOW TEMPERATURE STORAGE TEST	TEMPERATURE: -25°C±3°C DURATION:96±4 HOURS.											
7	TEMPERATURE CYCLE	10 CONTINUOUS CYCLES SHOWN AS BELOW <table border="1"><thead><tr><th>TEMPERATURE</th><th>DURATION</th></tr></thead><tbody><tr><td>-25°C±3°C</td><td>1 HOUR</td></tr><tr><td>20°C±2°C</td><td>10 MINUTES</td></tr><tr><td>85°C±2°C</td><td>1 HOUR</td></tr><tr><td>20°C±2°C</td><td>10 MINUTES</td></tr></tbody></table>		TEMPERATURE	DURATION	-25°C±3°C	1 HOUR	20°C±2°C	10 MINUTES	85°C±2°C	1 HOUR	20°C±2°C	10 MINUTES
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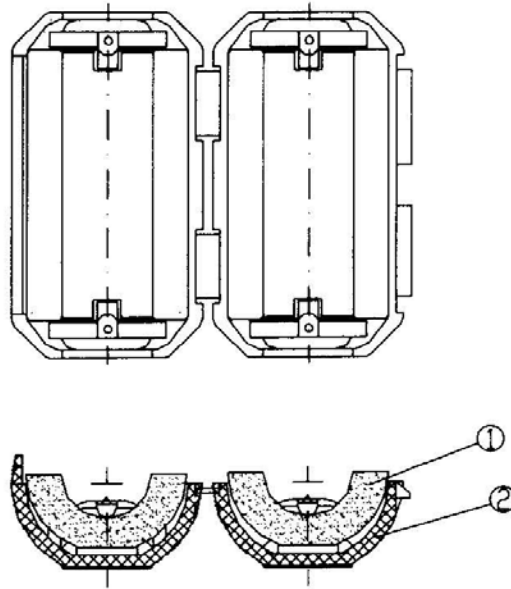
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## 7. CONSTRUCTION

- ① HALF-RING CORE
- ② CASE(C1020)



## 8. MATERIAL LIST

PARTS	MATERIAL	MANUFACTURER	COUNTRY OF ORIGIN	UL No.	UL FLAME CLASS
HALF-RING CORE	Ni-Zn FERRITE EL6E OR EQUIVALENT	TONICHI FERRITE PRODUCTS CO.,LTD.	CHINA	NA	NA
	Ni-Zn FERRITE EL5 OR EQUIVALENT				
CASE	PA66-1300S (BLACK)	ASAHI KASEI	JAPAN	E48285	94V-2
	PA66-1300S (GRAY)	ASAHI KASEI	JAPAN	E48285	94V-2

NA : NOT APPLICABLE

## 9. REMAR K

WEIGHT: 6830g/kpcs.