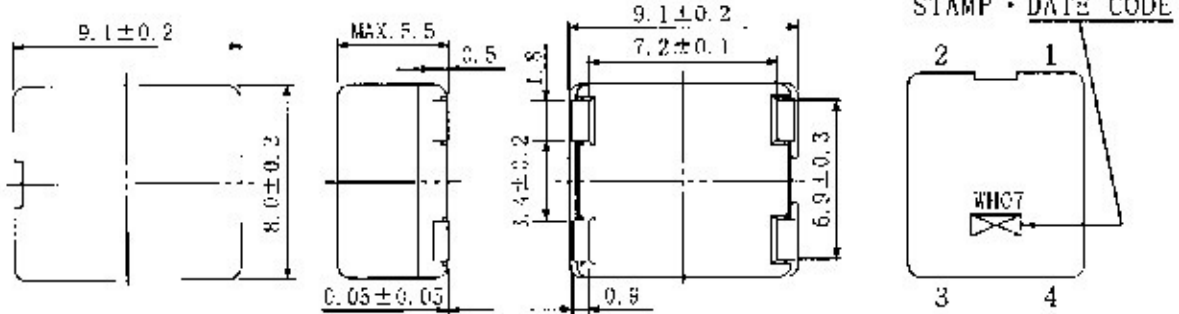


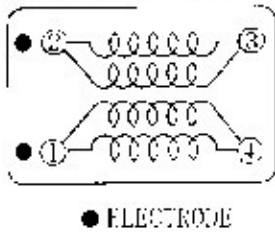
	SPECIFICATION	CUSTOMER: 京セラ(株)長野岡谷工場
	SUMIDA TYPE CPFC85	PART NO. CPFC85-W1107

1. DIMENSION (UNIT mm)



* DIMENSION WITHOUT TOLERANCE IS APPROX.

2. CONNECTION (BOTTOM)



3. TURNS AND WIRE

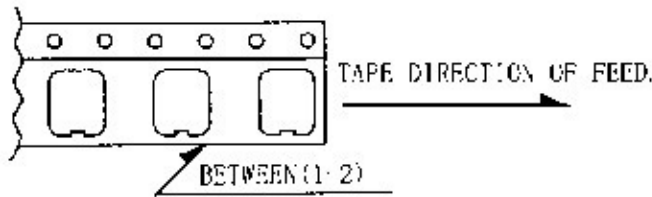
	1-4	2-3	
URNS	7T×2	7T×2	
WIRE	0.26UW		
CORE	B8 OR EQUIVALENT		

4. ELECTRICAL CHARACTERISTICS

		MEASURING CONDITIONS
1. IMPEDANCE (1-4), (2-3)	1.07 kΩ (REF.)	100 MHz
2. D.C.R. (1-3), (2-4)	0.02 Ω (REF.)	at 20°C
3. RATED CURRENT (1-2)	1.0 A	3 & 4 TO BE SHORTED

5. NOTE

- * RATED CURRENT: DC CURRENT WHEN TEMPERATURE OF COIL INCREASED UP TO 40°C (Ta=20°C)
- * ENCLOSING CONDITION OF COILS.



- * CARRIER TAPE PACKING SPECIFICATION IN DETAIL (S 074 5049)
- * CO-PLANARITY SPECIFICATION: MAX. 0.15
- * 本仕様書に疑義が生じた場合日本仕様書にて判定を行う。

8th. Jun., 2000

SUMIDA CODE	4250 0002
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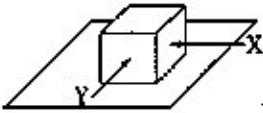
CHK.	CHK.	DRG.	DRG. NO.	2/4
ZHU YUAN	HE GLOGAO	CHEN YUNIL LX	S-167-5553	

GENERAL CHARACTERISTICS

TYPE

CPFC85

1. STORAGE TEMPERATURE RANGE : $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. OPERATING TEMPERATURE RANGE : $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
3. EXTERNAL APPEARANCE : THERE SHOULD BE NO CRACK, FRAGMENT, STAIN, BEND, RUST AND DISTINCT WHEN IN VISUAL INSPECTION.
4. TERMINAL STRENGTH : NO TERMINAL DETACHMENT SHOULD BE FOUND WHEN THE DEVICE IS PUSHED IN TWO DIRECTIONS OF X AND Y WITH THE FORCE OF 5.0N FOR 60 ± 5 SECONDS AFTER SOLDERING BETWEEN COPPER PLATE AND THE TERMINALS. (REFER TO FIGURE AT RIGHT)


5. RESISTANCE TO SOLDERING HEAT : NO DISTINGUISHED STRUCTURE AND ELECTRIC DEFECTS SHOULD BE FOUND AFTER $1.5 \pm 0.5\text{mm}$ HIGH BOTTOM OF ALL THE TERMINALS ARE IMMERSDED IN THE MELTED SOLDER OF $270 \pm 5^{\circ}\text{C}$ FOR 5 ± 1 SECONDS.
6. DIELECTRIC STRENGTH INSULATING RESISTANCE : THE INSULATION RESISTANCE SHOULD BE OVER $100\text{M}\Omega$ WHEN D.C. 100V IS APPLIED TO THE WINDING-WINDING AND WINDING-OTHER PARTS FOR 1 MINUTE, MEANWHILE NO STRUCTURE AND ELECTRIC DEFECTS SHOULD BE FOUND.
7. HUMIDITY TEST : IMPEDANCE DEVIATION IS WITHIN $\pm 1.0\%$ AND NO STRUCTURE AND ELECTRIC DEFECTS CAN BE FOUND AFTER 96 ± 4 HOURS TEST UNDER THE CONDITION OF RELATIVE HUMIDITY OF $90 \sim 95\%$ AND TEMPERATURE OF $60 \pm 2^{\circ}\text{C}$, AND 1~2 HOUR STORAGE UNDER ROOM AMBIENT CONDITIONS AFTER THE DEVICE IS WIPED WITH DRY CLOTH.
8. VIBRATION TEST : IMPEDANCE DEVIATION IS WITHIN $\pm 1.0\%$ AFTER 1 HOUR SWEEPING VIBRATION IN EACH THREE DIRECTIONS, NAMELY, FORWARD AND BACKWARD, UP AND DOWN, RIGHT AND LEFT. THE FREQUENCY IS $10 \sim 55 \sim 10\text{Hz}$ AND THE AMPLITUDE OF 1 MINUTE CYCLE IS 1.5mm PP .
9. SHOCK TEST : IMPEDANCE DEVIATION IS WITHIN $\pm 1.0\%$ AFTER THE TEST WITH GOM-BLOCK SHOCK TESTING MACHINE, ONCE IN EACH OF THE THREE PERPENDICULAR AXIS DIRECTIONS. THE SHOCK ACCELERATION IS 981m/s^2 .
10. SOLDERABILITY : MORE THAN 95% OF THE TERMINALS SHOULD BE COVERED BY NEW SOLDER, AFTER THEY ARE IMMERSDED INTO THE FLUX FOR 5 SECONDS AND DIPPED INTO MOLTEN SOLDER OF $230 \pm 5^{\circ}\text{C}$ FOR 3 ± 0.5 SECONDS.
 - * FLUX COMPOSITION
 - MIXING RATE: 25% ROSIN (JIS-K-5902) AND 75% METHANOL (JIS-K-1501).
11. HIGH TEMPERATURE STORAGE TEST \triangle : IMPEDANCE DEVIATION SHOULD BE WITHIN $\pm 10\%$ UNDER TESTING CONDITION WHICH TAKE IT OUT AFTER KEEPING IT IN $85 \pm 2^{\circ}\text{C}$, 96 ± 4 HOURS CONTINUOUSLY. AND LEAVE IT IN NORMAL CONDITION FOR 1 HOUR, AND THEN MEASURED IT WITHIN 2 HOURS.
12. LOW TEMPERATURE STORAGE TEST \triangle : IMPEDANCE DEVIATION SHOULD BE WITHIN $\pm 10\%$ UNDER TESTING CONDITION WHICH TAKE IT OUT AFTER KEEPING IT IN $-40 \pm 3^{\circ}\text{C}$, 96 ± 4 HOURS CONTINUOUSLY. AND LEAVE IT IN NORMAL CONDITION FOR 1 HOUR, AND THEN MEASURED IT WITHIN 2 HOURS.

8th. Jun., 2000

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ZHU YUAN	HE GUOGAO	CHEN YUNHUA LX

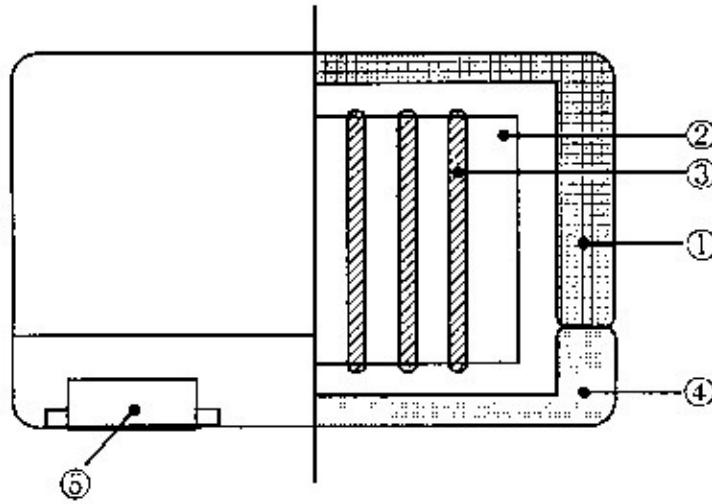
DRG. NO.	3/4
S-167-5553	

SPECIFICATION

TYPE

CPFC85

STRUCTURE



MATERIALS

	PART NAME	MATERIAL
①	CASE	LIQUID CRYSTAL POLYESTER
②	CORE	FERRITE B8 OR EQUIVALENT
③	WIRE	POLYURETHANE ENAMELETED COPPER WIRE
④	BASE	LIQUID CRYSTAL POLYESTER LCP-E5008L
⑤	TERMINAL	COPPER

8th. Jun., 2000

CHK.	CHK.	DRG.
ZHU YUAN	HE GUOGAO	CHEN YUNHUA LX

DRG. NO.

4/4

S-167-5553