

## 1. PART NUMBER

PART NO.	CUSTOMER PART NO.
CMF33C830S10A	

## 2. TEST CONDITION

2-1 TYPICAL CONDITION : -TEMPERATURE : 20°C

-HUMIDITY : 65%RH

2-2 STANDARD CONDITION : -TEMPERATURE : -40°C to +85°C


-HUMIDITY : 45%RH to 85%RH

## 3. COMPOSITION AND MATERIAL

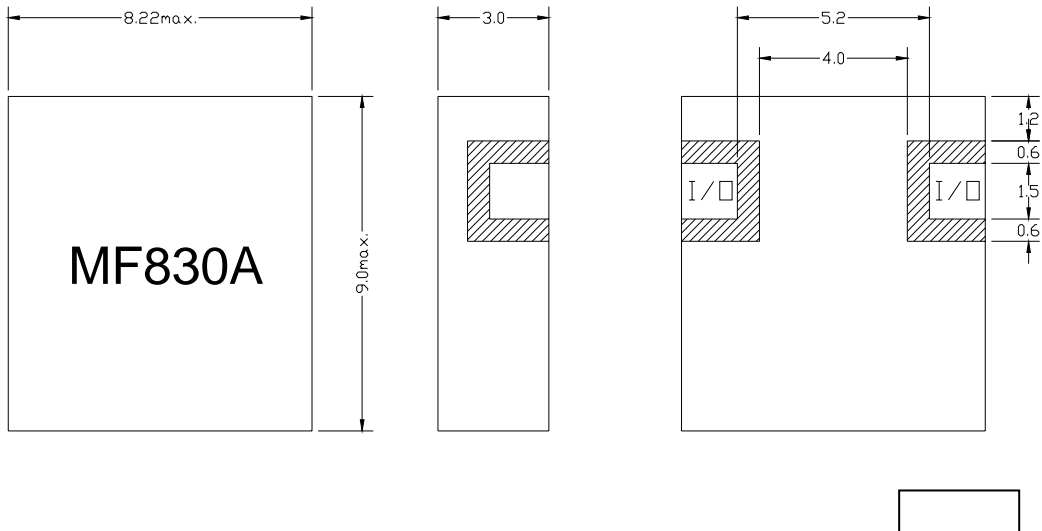
NO.	NAME	COMPOSITION AND MATERIALS
3-1	RESONATOR	DIELECTRIC MATERIALS
3-2	NUMBER OF HOLE	3 HOLE
3-3	IN/OUTPUT TERMINALS	Ag or Sn PLATED
3-4	GROUND BASE	Ag or Sn PLATED

## 4. ELECTRICAL SPECIFICATIONS

NO.	ITEM	SPECIFICATIONS
4-1	CENTER FREQUENCY(fo)	830.0MHz
4-2	BAND WIDTH(-1dB)	fo±5.0MHz
4-3	INSERTION LOSS IN BW	2.7dB max.
4-4	RIPPLE IN BW	1.0dB max.
4-5	V.S.W.R IN BW	2.0 :1 max.
4-6	ATTENUATION	31dB min. at fo±70.0MHz 12dB min. at fo±25.0MHz
4-7	INPUT POWER	1 W
4-8	NOMINAL CHARACTERISIC IMPEDANCE	50Ω

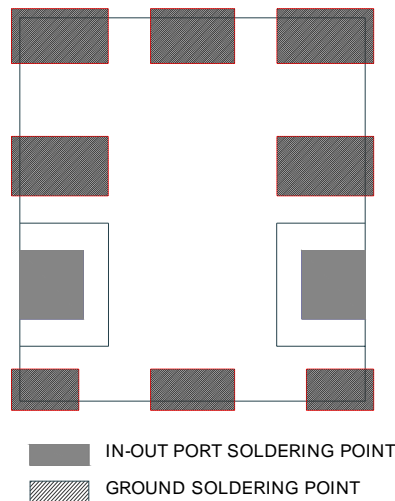
	<b>SIPAT Co., Ltd.</b> ( CETC No. 26 Research Institute ) Nanping Huayuan Road No. 14 Chongqing, China, 400060	Part Number	CMF33C830S10A	
		Rev. Date	2005-6-20	
		Rev.	1.0	Page 1/3

5. APPEARANCES AND DIMENSIONS



GROUND  
TOLERANCE:  $\pm 0.3$  (Unit: mm)

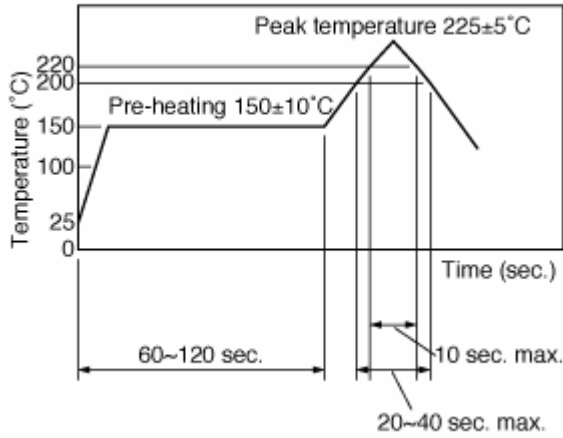
6. RECOMMENDED REFLOW PAD




**SIPAT Co., Ltd.**  
( CETC No. 26 Research Institute )  
Nanping Huayuan Road No. 14  
Chongqing, China, 400060

Part Number	CMF33C830S10A	
Rev. Date	2005-6-20	
Rev.	1.0	Page 2/3

7. REFLOW SOLDERING STANDARD CONDITIONS



	<b>SIPAT Co., Ltd.</b> ( CETC No. 26 Research Institute ) Nanping Huayuan Road No. 14 Chongqing, China, 400060	Part Number	CMF33C830S10A	
		Rev. Date	2005-6-20	
		Rev.	1.0	Page 3/3