
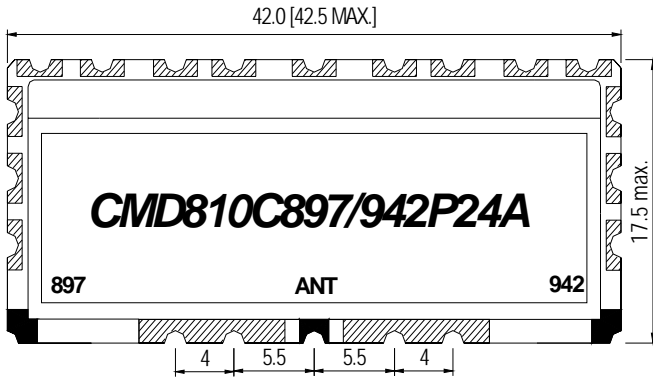


ELECTRICAL SPECIFICATIONS				
ITEM		Low >>> ANT	High <<< ANT	UNIT
1	Center Frequency [fo]	897.0	942.0	MHz
2	Bandwidth [BW]	fo ± 12.0	fo ± 12.0	MHz
3	Insertion Loss in BW	2.3 max.	2.0 max.	dB
4	Ripple in BW	1.2 max.	1.0 max.	dB
5	VSWR in BW	1.5 : 1 max.	1.5 : 1 max.	Ratio
6	Input Power	3.0 max.	3.0 max.	W
7	Attenuation [Absolute Value]	35 min. @ DC to 715 MHz 55 min. @ 930 to 954 MHz	35 min. @ DC to 760 MHz 55 min. @ 885 to 909 MHz	dB
8	In/Out Impedance	50		Ω
9	Operation Temperature Range	-40 to +85		°C

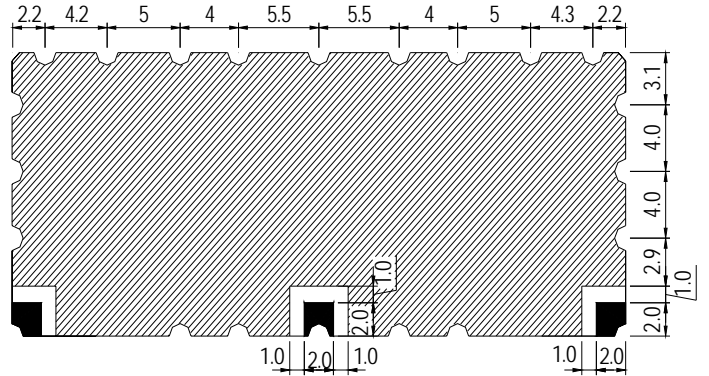
	SIPAT Co., Ltd. (CETC No. 26 Research Institute) Nanping Huayuan Road No. 14 Chongqing, China, 400060	Part Number	CMD810C897/942P24A	
		Rev. Date	2005-6-20	
		Rev.	1.0	Page

DIMENSIONS

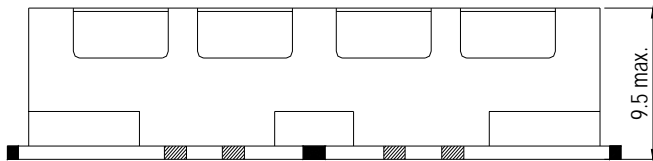
TOP VIEW



BOTTOM VIEW




FRONT VIEW

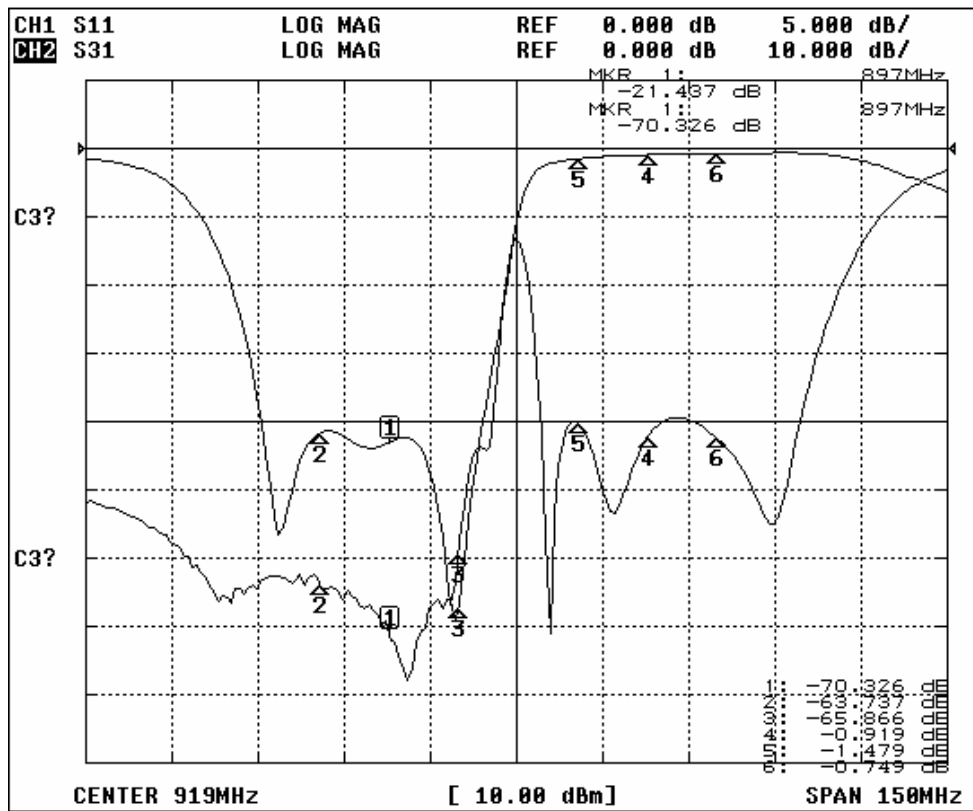
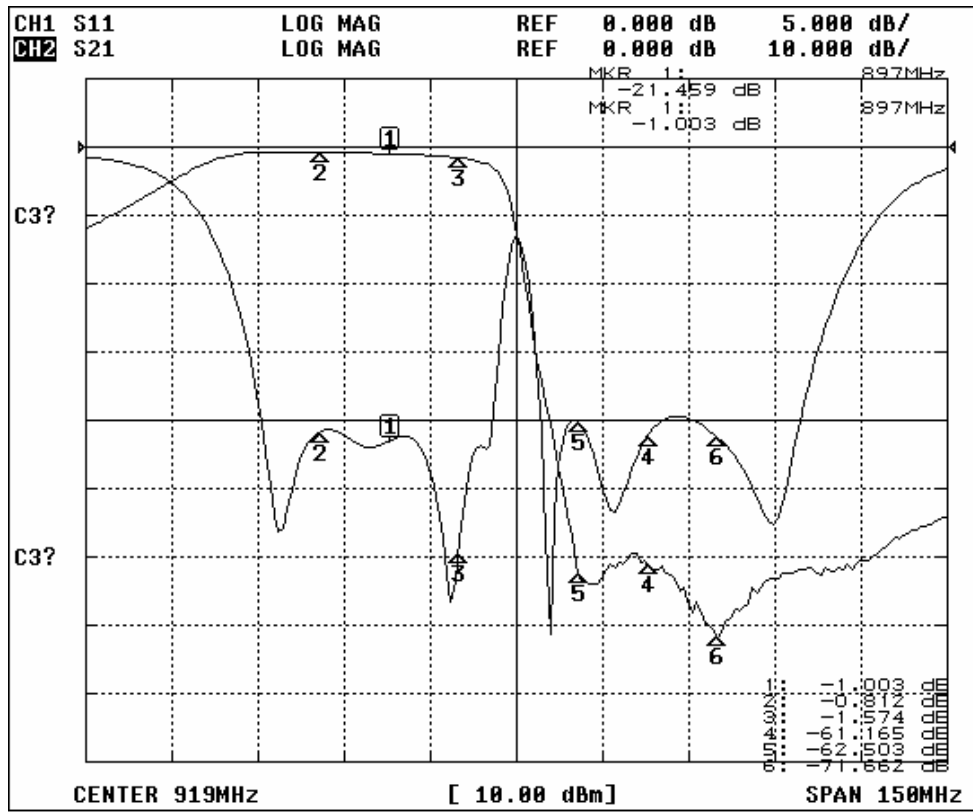


■ I/O PORT
▨ GROUND

TOLERANCE : ± 0.20
UNIT : mm

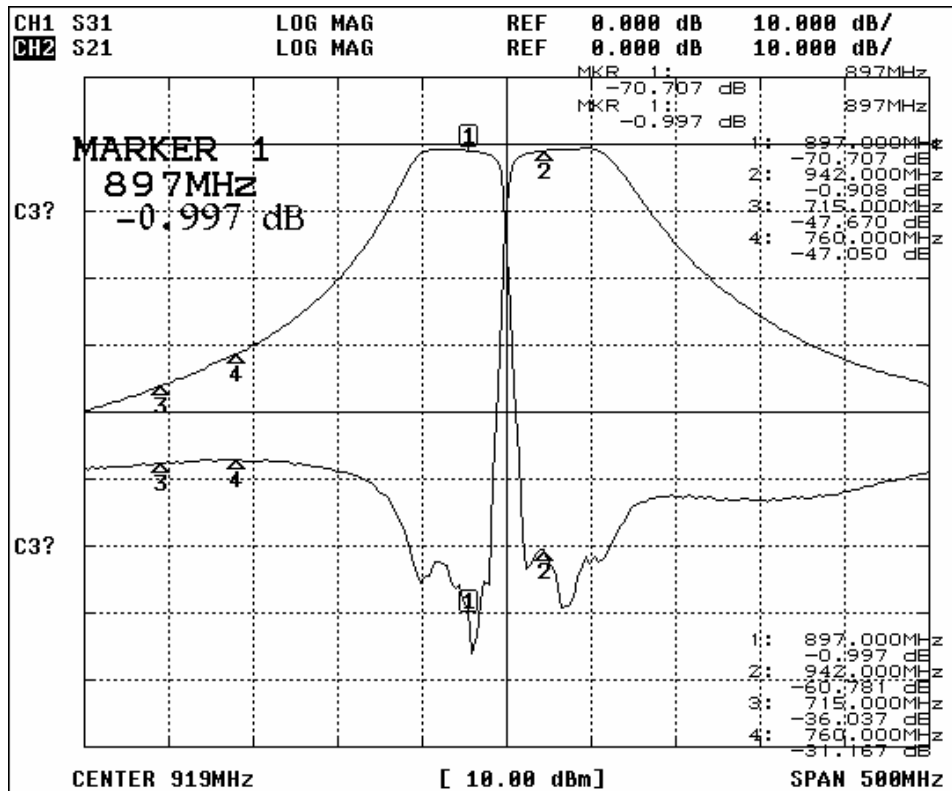
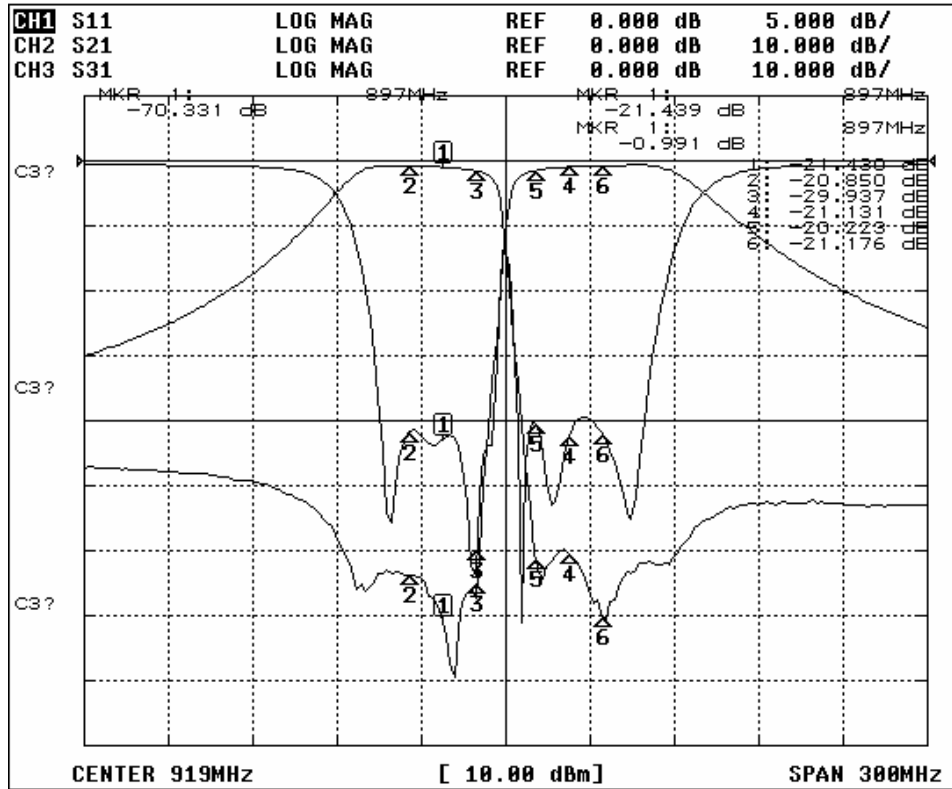
CHARACTERISTICS

	SIPAT Co., Ltd. (CETC No. 26 Research Institute) Nanping Huayuan Road No. 14 Chongqing, China, 400060	Part Number	CMD810C897/942P24A	
		Rev. Date	2005-6-20	
		Rev.	1.0	Page



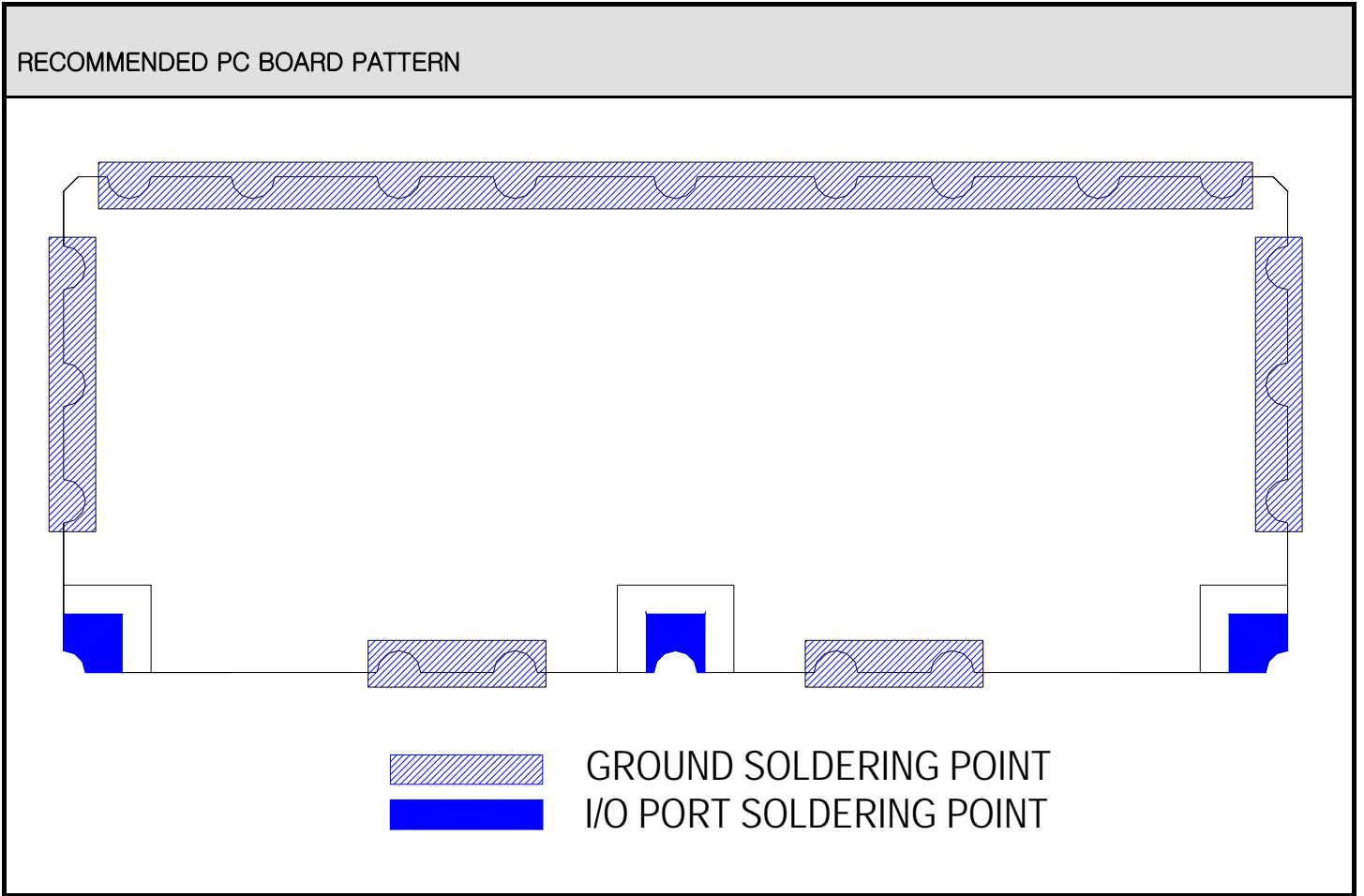
SIPAT Co., Ltd.
(CETC No. 26 Research Institute)
Nanning Huayuan Road No. 14
Chongqing, China, 400060

Part Number	CMD810C897/942P24A	
Rev. Date	2005-6-20	
Rev.	1.0	Page 3/5




	SIPAT Co., Ltd. (CETC No. 26 Research Institute) Nanping Huayuan Road No. 14 Chongqing, China, 400060	Part Number	CMD810C897/942P24A	
		Rev. Date	2005-6-20	
		Rev.	1.0	Page

RECOMMENDED PC BOARD PATTERN



 GROUND SOLDERING POINT
 I/O PORT SOLDERING POINT

	SIPAT Co., Ltd. (CETC No. 26 Research Institute) Nanping Huayuan Road No. 14 Chongqing, China, 400060	Part Number	CMD810C897/942P24A	
		Rev. Date	2005-6-20	
		Rev.	1.0	Page 5/5