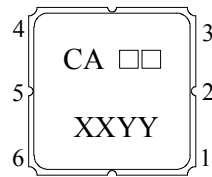


■ Electrical Specifications

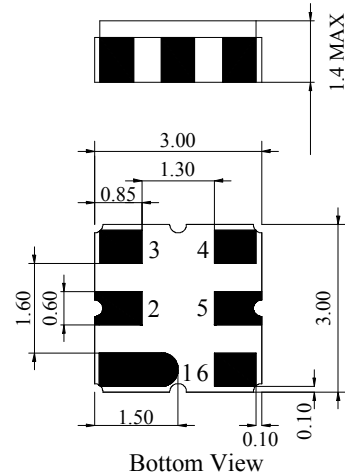
Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	Fo	831.5		
Pass Band Width	MHz	824.0 ~ 839.0MHz	15.0		
Insertion Loss	dB	Pass Band	-	2.2	3.0
Ripple Deviation	dB	Pass Band	-	0.7	1.5
Stop Band Rejection (Absolute Attenuation)	dB	DC ~ 800 MHz	40	47	-
		854 MHz	20	26	-
		869 ~ 884 MHz	35	45	-
		884 ~ 2000 MHz	40	50	-
VSWR	-	Passband	-	1.5	2.0
Terminating Impedance	Ω	50			
Maximum DC Voltage	V	3			
Maximum Input Power	dBm	10			
Operating Temperature	℃	-10 ~ +85			
Storage Temperature	℃	-40 ~ +85			

■ Package Dimension (unit : mm)

5 : Input or Output
2 : Output or Input
Other Pins : Ground



Top View



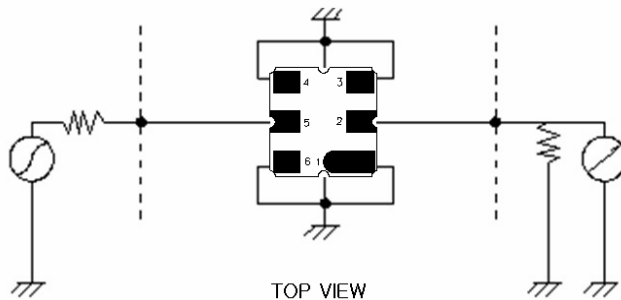
Bottom View

C : BRAND NAME
A : PACKAGE TYPE
□□ : DATE CODE
XX : CENTER FREQUENCY
YY : SERIES NUMBER

DATE CODE

JAN	FEB	MAR	APR	MAY	JUN
A	B	C	D	E	F
JUL	AUG	SEP	OCT	NOV	DEC
G	H	J	K	L	M

■ Matching Configuration



No Matching Required
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

	#C-509, (Bundang Technopark) 744, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea TEL : 82-31-703-2086 , FAX : 82-31-703-2124	Part No.	CT831HAT1	
		Rev. Date	2014-02-03	
		Rev.	R0	2/3

