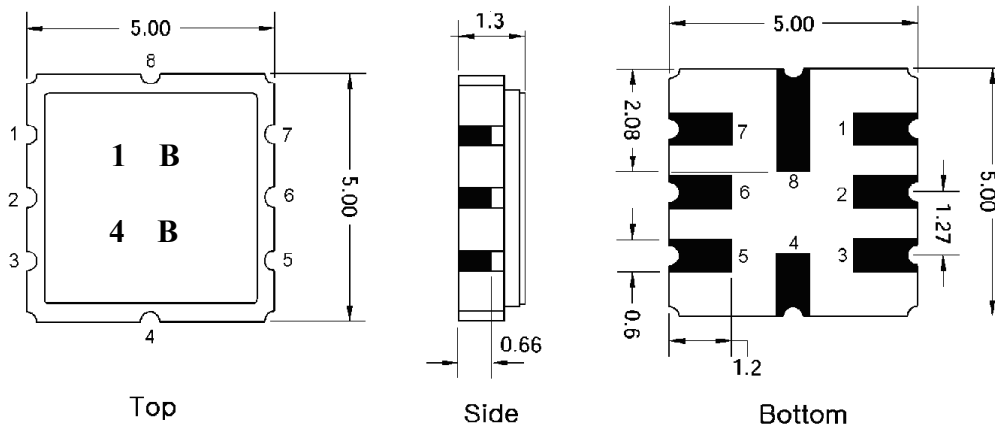


■ Electrical Specifications

Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	Fc	170.0		
Pass Band Width	MHz	-	0.6	2.0	-
Insertion Loss	dB	Pass Band	-	3.0	3.5
Pass Band Ripple	dB	Pass Band	-	0.5	1.5
VSWR	-	Pass Band	-	1.5	2.0
Stop Band Rejection (Absolute Attenuation)	dB	145.0MHz ~ 159.3 MHz	37	42	-
		180.7MHz ~ 195.0MHz	22	27	-
Terminating Impedance	Ω	50			
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +85			
Storage Temperature	$^{\circ}\text{C}$	-40 ~ +85			
Maximum DC Voltage	V	5			
Maximum Input Power	dBm	10			

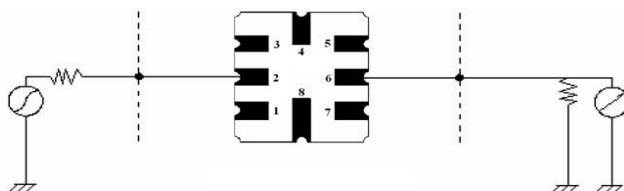
■ **Package Dimension (unit : mm)**




- 1 : FREQ. RANGE CODE (100MHz~199MHz)**
- B : MODEL CODE (CT170HCM3)**
- 4 : DATE CODE (YEAR)**
Ex) 2010 =>0, 2011=>1.....2019=>9
- B : DATE CODE (MONTH)**

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-203, Bundang Technopark, 145 Yatap-dong, Bundabg_gu, Seongnam, Gyeonggi- 463-070, Korea TEL : 82-31-703-2086, FAX : 821-31-703-2124	Part No.	CT170HCM3	
		Rev. Date	2014-02-03	
		Rev.	R1	2/4

■ **Frequency Characteristics**

