



#### **Features**

- High reliability, high temperature withstanding ceramic case
- Rectangular shape allows easy pick and placement
- Small & low profile
- Reflow solderable
- Excellent Solderability(Nickel barrier+Au flush termination)

#### **How to Order**

 $\frac{\mathsf{PBRC}}{\boxed{1}} \ \frac{\mathsf{15.00}}{\boxed{2}} \ \frac{\mathsf{G}}{\boxed{3}} \ \frac{\mathsf{R}}{\boxed{4}} \ \frac{\mathsf{10}}{\boxed{5}} \ \frac{\mathsf{Y}}{\boxed{6}} \frac{\mathsf{0AB}}{\boxed{7}}$ 

- 1)Series (PBRC: Consumer)
- ②Frequency (MHz)
- 3Type(G,L)
- 4 Packing \_ Bulk (Null)

5Frequency Tolerance at 25°C

10	±0.1%	20	±0.2%
30	±0.3%	40	±0.4%
50	±0.5%	70	±0.7%

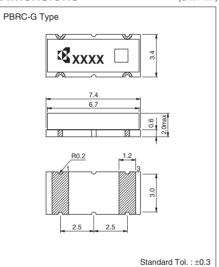
#### **6** Operating temperature

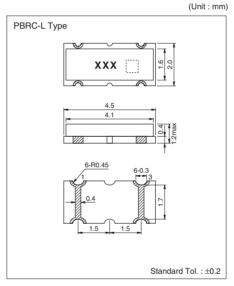
Х	–40 / 85°C	Υ	–40 / 125°C
Z	–40 / 150°C		

Ounique code

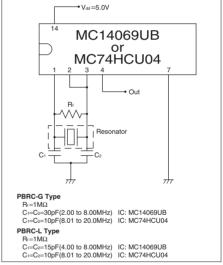
### **Dimensions**

(Unit: mm)





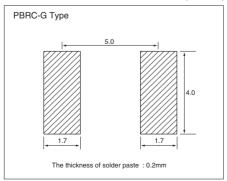
## **Test Circuit**

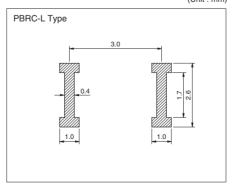


C1 and C2 are referenced capacitance values to measure each parameter under.

The right test circuit(IC: MC14069UD).
C1 and C2 values would be modified depend upon various IC

### Recommended Land Pattern (Unit: mm)





#### **Specifications** (Unit : mm)

	Series	Frequency Range(MHz)	Frequency Tolerance(25°C)	Temperature Stability
	PBRC-G	2.00 to 8.00	±0.5% (op. ±0.3%)	±0.5% (–40 to 85°C)
	rbno-d	8.01 to 20.0	±0.7% (op. ±0.5%)	±0.1% (-40 to 85°C)
	PBRC-L	3.68 to 8.00	±0.5% (op. ±0.3%)	±0.5% (-40 to 85°C)
		8.01 to 20.0	±0.7% (op. ±0.5%)	±0.1% (-40 to 85°C)

Please contact our local sales office if you need over 8MHz.





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### **How to Order**

PBRC 15.00 H R 10 Y 0AB  $\overline{(2)}$   $\overline{(3)}$   $\overline{(4)}$   $\overline{(5)}$   $\overline{(6)}$   $\overline{(7)}$ 

- ①Series (PBRC: Consumer)
- ②Frequency (MHz)
- ③Type(H,M)
- 4 Packing \_ Bulk (Null)

R Reel

⑤Frequency Tolerance at 25°C

10	±0.1%	20	±0.2%
30	±0.3%	40	±0.4%
50	±0.5%	70	±0.7%

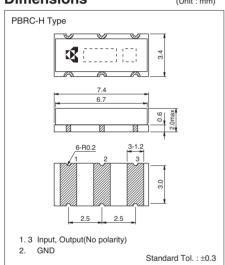
**6**Operating temperature

>	(	−40 / 85°C	Υ	−40 / 125°C
Z	<u> </u>	–40 / 150°C		

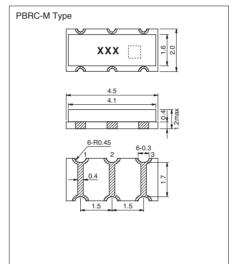
7 Unique code

#### **Dimensions**

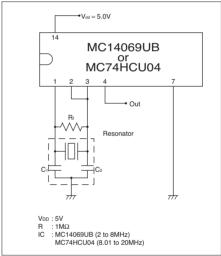
(Unit:mm)



#	Pin #			
1	Input			
2	Ground			
3	Output			

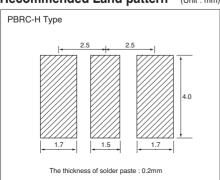


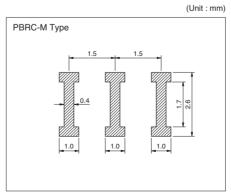
### **Test Circuit**



Notice Please refer to IC Application Guide on our WEB site for IC matching.

### Recommended Land pattern (Unit:mm)





# **Specifications**

	•						
	Series	Series Frequency Range(MHz) Frequency Tolerance(25°C)		Temperature Stability			
	PBRC-H	2.00 to 8.00	±0.5% (op. ±0.3%)	±0.5% (-40 to 85°C)			
	РВКС-П	8.01 to 20.0	±0.7% (op. ±0.5%)	±0.1% (-40 to 85°C)			
	PBRC-M	3.68 to 8.00	±0.5% (op. ±0.3%)	±0.5% (-40 to 85°C)			
		8.01 to 20.0	±0.7% (op. ±0.5%)	±0.1% (-40 to 85°C)			

Please contact our local sales office if you need over 8MHz.

