



RoHS Compliant

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 flash terminations)

How to Order

PBRC 8.00 G R 50 X 000
 (1) (2) (3) (4) (5) (6) (7)

- ① Series
- ② Frequency (MHz)
- ③ Type (G)
- ④ Packing R: Tape & Reel (2000 pcs./ Reel)
(Null): Bulk
- ⑤ Frequency Tolerance at 25°C

10	$\pm 0.1\%$	20	$\pm 0.2\%$
30	$\pm 0.3\%$	40	$\pm 0.4\%$
50	$\pm 0.5\%$		

- ⑥ Operating Temperature

X	-40°C to 85°C
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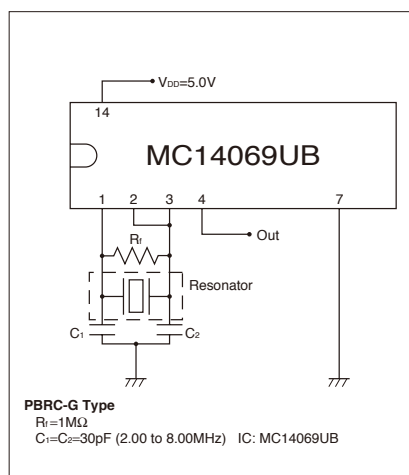
- ⑦ Unique Code

Specifications

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)

* Aging for 10 years is within $\pm 0.3\%$ from the initial frequency at 25°C.

Test Circuit

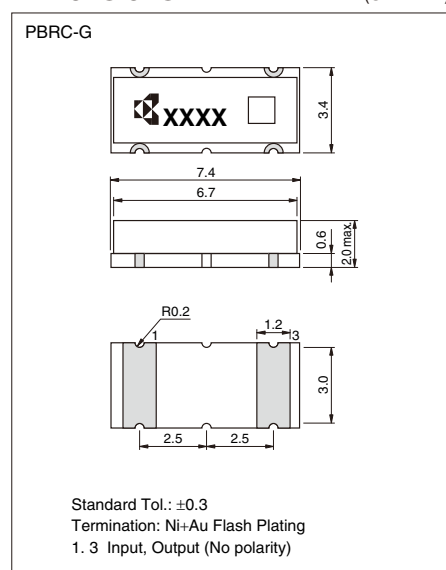


Note)

- Values of C_1 , C_2 and R_f are evaluated with IC, MC14069UB, and evaluation of circuit is necessary when using other IC's.
- IC circuit matching may be referenced with
 - 1) IC data books
 - 2) List of Recommended circuits in Kyocera website.
- Please contact IC manufacturer or Kyocera when there are difficulties in finding recommended circuits.

Dimensions

(Unit: mm)



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