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MHz Band SMT Resonators

$f_{\rm o}$: 2.00 to 8.00 MHz

FEATURES

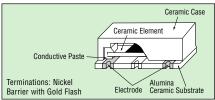
- High reliability chip resonator in a ceramic case which can be reflow soldered and washed
- Ultra-miniature size is suitable for compact equipment and high mounting density
- 3) Rectangular shape allows easy "pick and place" operation
- 4) 2000 pcs. per reel
- 5) Sold in increments of 2000 pcs.

HOW TO ORDER PBRC - 4.00 A R (1) (2) (3) (4)

- 1 Type: (Piezo Bulk Resonator Chip)
- 2 Oscillation frequency (MHz)
- ③ Resonator type:
 A = Without capacitor
- (4) Packaging: R = Tape and reel



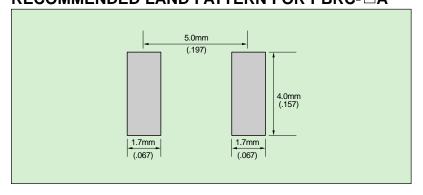
STRUCTURE



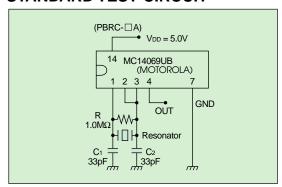
SPECIFICATIONS (PBRC-□A)

Frequency Range	2.00 to 8.00 MHz					
Frequency Tolerance	±0.5%					
Resonant Impedance	200Ω Max at 2.00~2.90MHz					
	100Ω Max at 3.00~3.57MHz					
	30Ω Max at 3.58~8.00MHz					
Temperature Characteristics						
(-20 to +80°C)	±0.3%					

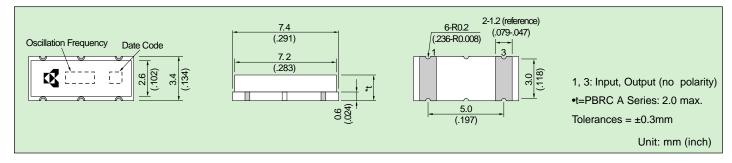
RECOMMENDED LAND PATTERN FOR PBRC- A



STANDARD TEST CIRCUIT



DIMENSIONS



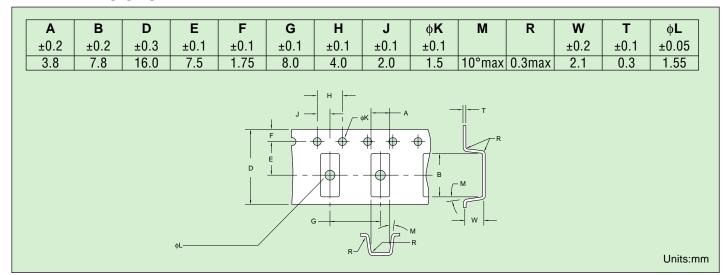
KYOCERA 13



Surface Mountable Chip Resonators PBRC -A, -B, -D Types

2000 pieces per reel with 10 positions open at beginning and end of reel. Leader will be 200mm maximum.

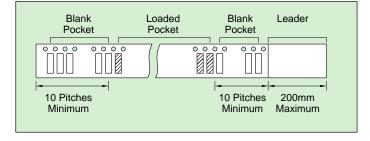
TAPE DIMENSIONS



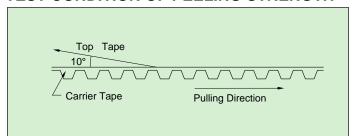
REEL DIMENSIONS

Α	В	С	D	Е	R	W	Т	D (Dia.)
255	80	13	25	2	1.0R	17.5	2	C (Dia.)
±1.0	±0.5	±0.5	±0.8	±0.5		±1.5	±0.5	
								· · · Office

PACKING METHOD



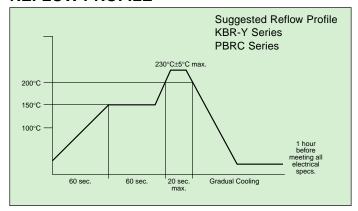
TEST CONDITION OF PEELING STRENGTH



MARKING

Marking of Reel a). Type Name b). Lot No. c). Quantity d). Vendor Name Marking of Exterior Package a). Type Name b). Lot No. c). Quantity of Reel d). Shipping Date e). Vendor Name

REFLOW PROFILE



KYOCER15