

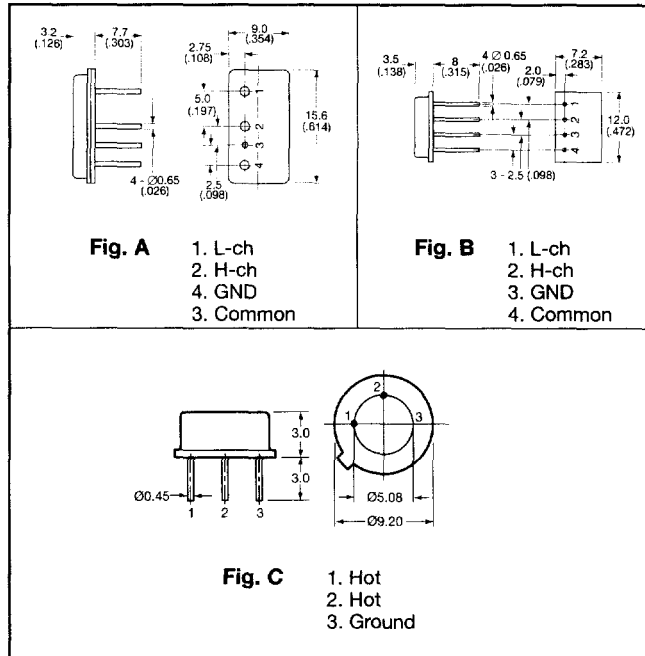
# SAW Resonators

## KAR Series MHz Band



$f_0$ : 46 to 315MHz

Dimensions: millimeters (inches)



### HOW TO ORDER

#### KAR - 91 CS

- ① ② ③

- ① **Type:** (Kyocera Acoustic Resonator)  
 ② **Oscillation Frequency:** (MHz)  
 ③ **Resonator Type:**  
 CS, CT = small packaging  
 CB, CD = standard packaging  
 CK = round packaging

### Specifications (KAR - □-□)

	Channel*	Resonant Frequency (MHz)**	Resonant Loss (dB)	Parallel Capacitance (pF)	Temperature Stability -10°C to +60°C (ppm/°C)	Dimension
Figure A	KAR-55CD	U- 2 3	55.24±0.08 61.24±0.08	5.0 MAX	3.8±1 3.9±1	±8
	KAR-83CB	U- 5 6	77.24±0.08 83.24±0.08	4.0 MAX	4.5±1 4.2±1	±7
	KAR-55CB	W- 3 4	55.24±0.08 62.24±0.08	5.0 MAX	4.3±1 3.7±1	±8
	KAR-86CB	A- 3 4	86.24±0.08 95.24±0.08	3.0 MAX	4.2±1 4.0±1	±5
	KAR-85CB	O- 4 5	85.24±0.08 93.24±0.08	3.0 MAX	4.2±1 4.0±1	±5
Figure B	KAR-61CT	U- 3 4	61.24±0.08 67.24±0.08	5.0 MAX	4.4±1 4.2±1	±8
	KAR-77CS	O- 3 4	77.24±0.08 83.24±0.08	4.5 MAX	3.1±1 2.8±1	±8
	KAR-91CS	J- 1 2	91.24±0.08 97.24±0.08	3.0 MAX	4.0±1	±5
	KAR-211CS	U-13	211.24±0.15	2.7 MAX	3.0±1	±8
	KAR-315CS	US	315.24±0.25	2.5 MAX	3.2 MAX	±8
Figure C	KAR-315CK	US	315.24±0.25	2.5 MAX	3.2 MAX	±8

\*J: Japan, U: USA, W: Germany, A: Australia, O: East Europe

\*\*Other frequencies available on request.

Additional information on this product is available from AVX's catalog or AVX's FAX Service. Call 1-800-879-1613 and request document #133. Visit our website <http://www.avxcorp.com>



# SAW Resonators

## KAR Series MHz Band



$f_0$ : 46 to 315MHz

### Specifications (KAR -□-□)

Part Number	Resonant Frequency (MHz)	Resonant Loss (dB)	Parallel Capacitance (pF)	Temperature Stability (ppm/°C)	Dimension
KAR-303CS	303.875±0.250	2.5 max.	4.0 max.	±8 max.	Fig. B
KAR-304CS	304.300±0.250				
KAR-310CS	310.000±0.250				
KAR-314CS	314.000±0.250				
KAR-314CT	314.500±0.250				
KAR-315CS	315.000±0.250				
KAR-320CS	320.650±0.250				
KAR-345CS	345.000±0.250				
KAR-359CS	359.900±0.250				
KAR-417CS	417.500±0.250				
KAR-418CS	418.000±0.250				
KAR-423CS	423.220±0.250				
KAR-432CS	432.920±0.250				
KAR-433CS	433.920±0.250				
KAR-433CT	433.420±0.250				
KAR-479CS	479.500±0.500				
KAR-303CK	303.875±0.250	2.5 max.	4.0 max.	±8 max.	Fig. C
KAR-304CK	304.300±0.250				
KAR-310CK	310.000±0.250				
KAR-314CK	314.000±0.250				
KAR-314CL	314.500±0.250				
KAR-315CK	315.000±0.250				
KAR-320CK	320.650±0.250				
KAR-345CK	345.000±0.250				
KAR-359CK	359.900±0.250				
KAR-417CK	417.500±0.250				
KAR-418CK	418.000±0.250				
KAR-423CK	423.220±0.250				
KAR-432CK	432.920±0.250				
KAR-433CK	433.920±0.250				
KAR-433CL	433.420±0.250				
KAR-479CK	479.500±0.500				
KAR-303CF	303.875±0.250	2.5 max.	4.0 max.	±8 max.	Fig. D
KAR-304CF	304.300±0.250				
KAR-310CF	310.000±0.250				
KAR-314CF	314.000±0.250				
KAR-314CG	314.500±0.250				
KAR-315CF	315.000±0.250				
KAR-320CF	320.650±0.250				
KAR-345CF	345.000±0.250				
KAR-359CF	359.900±0.250				
KAR-417CF	417.500±0.250				
KAR-418CF	418.000±0.250				
KAR-423CF	423.220±0.250				
KAR-432CF	432.920±0.250				
KAR-433CF	433.920±0.250				
KAR-433CG	433.420±0.250				
KAR-479CF	479.500±0.500				

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