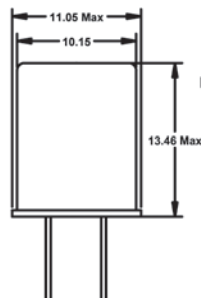
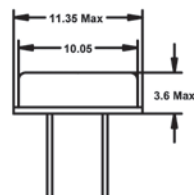


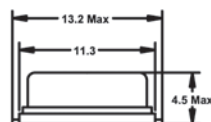
HC49U Resistance Weld



HC49S Resistance Weld



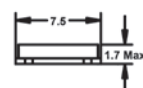
HC49SD Surface Mount



FPX Surface Mount



FE Surface Mount



- Inventory Support
- Standard Packages
- Lowest Pricing
- Fox Quality
- Technical Support

#### FOX STANDARD SPECIFICATIONS

| PARAMETER                   | HC49U*        | HC49S/49SD    | FPX           | FE            |
|-----------------------------|---------------|---------------|---------------|---------------|
| Frequency Tolerance @ 25°C  | ±30PPM        | ±30PPM        | ±50PPM        | ±50PPM        |
| Frequency Stability         | ±50PPM        | ±50PPM        | ±100PPM       | ±50PPM        |
| Operating Temperature Range | -20°C ~ +70°C | -20°C ~ +70°C | -10°C ~ +70°C | -10°C ~ +60°C |

\*Optional third lead, vinyl sleeves (HC49U only), and mylar spacer. All specifications subject to change without notice..

\*\* Measurements are displayed in Millimeters.

Please Refer To Specification Sheets For Details

| FREQ (MHz) | CL     | HC49U       | ESR Ω MAX | HC49S        | ESR Ω MAX | HC49SD         | ESR Ω MAX | FPX         | ESR Ω MAX | FE        | ESR Ω MAX |
|------------|--------|-------------|-----------|--------------|-----------|----------------|-----------|-------------|-----------|-----------|-----------|
| 1.843200   | 13pF   | FOX018S     | 800       | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 2.000000   | 20pF   | FOX020S     | 500       | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 2.097152   | 20pF   | FOX021S     | 500       | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 2.457600   | 32pF   | FOX024S     | 300       | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 3.579545   | 18pF   | FOX036S     | 120       | FOXS/036S    | 200       | FOXSD/036S     | 200       | FPX036S     | 200       | ---       | ---       |
| 3.686400   | SERIES | FOX0368S    | 120       | FOXS/0368S   | 200       | ---            | ---       | FPX0368S    | 200       | ---       | ---       |
| 3.686400   | 20pF   | FOX0368-20  | 120       | FOXS/0368-20 | 200       | FOXSD/0368-20  | 200       | FPX0368-20  | 200       | ---       | ---       |
| 4.000000   | SERIES | FOX040A     | 100       | FOXS/040A    | 150       | ---            | ---       | FPX040A     | 150       | ---       | ---       |
| 4.000000   | 20pF   | FOX040      | 100       | FOXS/040     | 150       | FOXSD/040      | 150       | FPX040      | 150       | ---       | ---       |
| 4.096000   | 20pF   | FOX0496-20  | 100       | FOXS/0496-20 | 150       | ---            | ---       | ---         | ---       | ---       | ---       |
| 4.194304   | 12pF   | FOX041      | 100       | FOXS/041     | 150       | FOXSD/041      | 150       | ---         | ---       | ---       | ---       |
| 4.433619   | 20pF   | FOX0443     | 70        | FOXS/0443    | 150       | FOXSD/0443     | 150       | ---         | ---       | ---       | ---       |
| 4.915200   | SERIES | FOX049      | 55        | FOXS/049     | 150       | ---            | ---       | FPX049      | 150       | ---       | ---       |
| 4.915200   | 20pF   | FOX049-20   | 55        | FOXS/049-20  | 150       | FOXSD/049-20   | 150       | FPX049-20   | 150       | ---       | ---       |
| 5.000000   | 20pF   | FOX05A      | 50        | ---          | ---       | FOXSD/05A      | 120       | ---         | ---       | ---       | ---       |
| 6.000000   | SERIES | FOX060      | 40        | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 6.000000   | 20pF   | FOX060-20   | 40        | ---          | ---       | FOXSD/060-20   | 120       | ---         | ---       | ---       | ---       |
| 6.144000   | 30pF   | FOX061      | 40        | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 6.144000   | 20pF   | FOX061-20   | 40        | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 7.372800   | SERIES | FOX073      | 40        | FOXS/073     | 80        | ---            | ---       | FPX073      | 80        | ---       | ---       |
| 7.372800   | 20pF   | FOX073-20   | 40        | FOXS/073-20  | 80        | FOXSD/073-20   | 80        | FPX073-20   | 80        | ---       | ---       |
| 8.000000   | SERIES | FOX080      | 35        | FOXS/080     | 80        | ---            | ---       | FPX080      | 80        | ---       | ---       |
| 8.000000   | 20pF   | FOX080-20   | 35        | FOXS/080-20  | 80        | FOXSD/080-20   | 80        | FPX080-20   | 80        | ---       | ---       |
| 8.192000   | SERIES | FOX081      | 35        | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 8.192000   | 20pF   | FOX081-20   | 35        | FOXS/081-20  | 80        | FOXSD/081-20   | 80        | FPX081-20   | 80        | ---       | ---       |
| 9.216000   | SERIES | FOX092      | 35        | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 9.830400   | SERIES | FOX098      | 35        | FOXS/098     | 60        | ---            | ---       | ---         | ---       | ---       | ---       |
| 9.830400   | 20pF   | FOX098-20   | 35        | FOXS/098-20  | 60        | FOXSD/098-20   | 60        | FPX098-20   | 60        | FE098-20  | 60        |
| 10.000000  | SERIES | FOX100      | 30        | FOXS/100     | 60        | ---            | ---       | FPX100      | 60        | ---       | ---       |
| 10.000000  | 20pF   | FOX100-20   | 30        | FOXS/100-20  | 60        | FOXSD/100-20   | 60        | FPX100-20   | 60        | FE100-20  | 60        |
| 11.000000  | SERIES | FOX111      | 30        | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 11.000000  | 20pF   | FOX111-20   | 30        | FOXS/111-20  | 60        | FOXSD/111-20   | 60        | FPX111-20   | 60        | ---       | ---       |
| 11.059200  | 20pF   | FOX115-20   | 30        | FOXS/115-20  | 60        | FOXSD/115-20   | 60        | FPX115-20   | 60        | FE115-20  | 60        |
| 12.000000  | SERIES | FOX120      | 30        | FOXS/120     | 60        | ---            | ---       | FPX120      | 60        | ---       | ---       |
| 12.000000  | 20pF   | FOX120-20   | 30        | FOXS/120-20  | 60        | FOXSD/120-20   | 60        | FPX120-20   | 60        | ---       | ---       |
| 12.288000  | 20pF   | FOX128-20   | 30        | FOXS/128-20  | 60        | FOXSD/128-20   | 60        | FPX128-20   | 60        | ---       | ---       |
| 14.318180  | 20pF   | FOX143-20   | 25        | FOXS/143-20  | 40        | FOXSD/143-20   | 40        | FPX143-20   | 40        | FE143-20  | 60        |
| 14.745600  | 20pF   | FOX147-20   | 25        | FOXS/147-20  | 40        | FOXSD/147-20   | 40        | FPX147-20   | 40        | FE147-20  | 60        |
| 15.000000  | 20pF   | ---         | ---       | ---          | ---       | ---            | ---       | ---         | ---       | FE150-20  | 60        |
| 16.000000  | SERIES | FOX160      | 25        | FOXS/160     | 40        | ---            | ---       | FPX160      | 40        | ---       | ---       |
| 16.000000  | 20pF   | FOX160-20   | 25        | FOXS/160-20  | 40        | FOXSD/160-20   | 40        | FPX160-20   | 40        | FE160-20  | 60        |
| 18.432000  | SERIES | FOX184      | 20        | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 18.432000  | 20pF   | FOX184-20   | 20        | FOXS/184-20  | 40        | FOXSD/184-20   | 40        | FPX184-20   | 40        | ---       | ---       |
| 19.660800  | SERIES | FOX196      | 20        | ---          | ---       | ---            | ---       | ---         | ---       | ---       | ---       |
| 19.660800  | 20pF   | FOX196-20   | 20        | FOXS/196-20  | 40        | FOXSD/196-20   | 40        | FPX196-20   | 40        | ---       | ---       |
| 20.000000  | SERIES | FOX200      | 20        | FOXS/200     | 30        | ---            | ---       | FPX200      | 30        | ---       | ---       |
| 20.000000  | 20pF   | FOX200-20   | 20        | FOXS/200-20  | 30        | FOXSD/200-20   | 30        | FPX200-20   | 30        | FE200-20  | 40        |
| 22.118400  | 20pF   | FOX221-20   | 20        | FOXS/221-20  | 30        | FOXSD/221-20   | 30        | FPX221-20   | 30        | FE221-20  | 40        |
| 24.000000  | 20pF   | FOX240F-20  | 20        | FOXS/240F-20 | 30        | FOXSD/240F-20  | 30        | FPX240F-20  | 30        | FE240F-20 | 40        |
| 24.576000  | 20pF   | FOX245F-20  | 20        | FOXS/245F-20 | 30        | FOXSD/245F-20  | 30        | FPX245F-20  | 30        | FE245F-20 | 40        |
| 25.000000  | 20pF   | FOX250F-20  | 20        | FOXS/250F-20 | 30        | FOXSD/250F-20  | 30        | FPX250F-20  | 30        | FE250F-20 | 40        |
| 27.000000  | 20pF   | ---         | ---       | ---          | ---       | FOXSD/270F-20  | 30        | ---         | ---       | ---       | ---       |
| 32.000000  | 20pF   | FOX320-20 * | 40        | ---          | ---       | FOXSD/320-20 * | 100       | FPX320-20 * | 100       | ---       | ---       |
| 48.000000  | 20pF   | FOX480-20 * | 40        | ---          | ---       | FOXSD/480-20 * | 100       | FPX480-20 * | 100       | ---       | ---       |
| 50.000000  | 20pF   | FOX500-20 * | 40        | ---          | ---       | FOXSD/500-20 * | 100       | FPX500-20 * | 100       | ---       | ---       |
| 56.448000  | 18pF   | ---         | ---       | ---          | ---       | FOXSD/564-18 * | 100       | ---         | ---       | ---       | ---       |
| 60.000000  | 20pF   | FOX600-20 * | 40        | ---          | ---       | FOXSD/600-20 * | 100       | FPX600-20 * | 100       | ---       | ---       |
| 64.000000  | 20pF   | FOX640-20 * | 40        | ---          | ---       | FOXSD/640-20 * | 100       | FPX640-20 * | 100       | ---       | ---       |

\* 3rd Overtone. "F" suffix denotes fundamental Rev. 6/1/04