



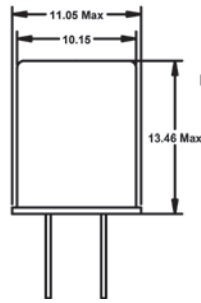
• FOX STANDARD SPECIFICATIONS

| 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 |

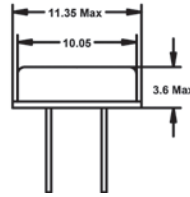
*Optional third lead, vinyl sleeves (HC49U only), and mylar spacer. All specifications subject to change without notice.
 ** Measurements are displayed in Millimeters.

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

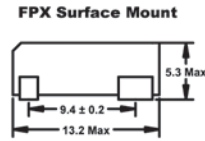
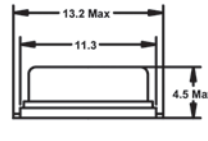
HC49U Resistance Weld



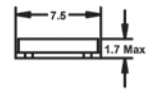
HC49S Resistance Weld



HC49SD Surface Mount



FE Surface Mount



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