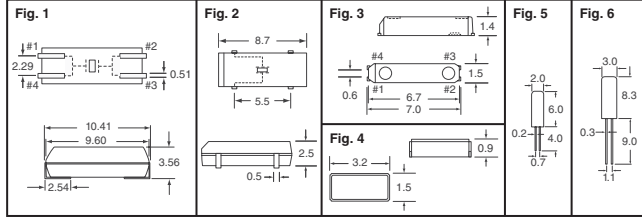




Tuning Fork Crystals



Specifications:
 • Frequency Tolerance: ±20ppm • Load Capacitance: 12.5pF • Insulation Resistance (Min.): 500MΩ • Drive Level: 1µW
 • Operating Temperature: FSM, FSRLF, FSXLF and FX135 Series: -40°C - 85°C (NCLF Series: -20°C - 60°C)



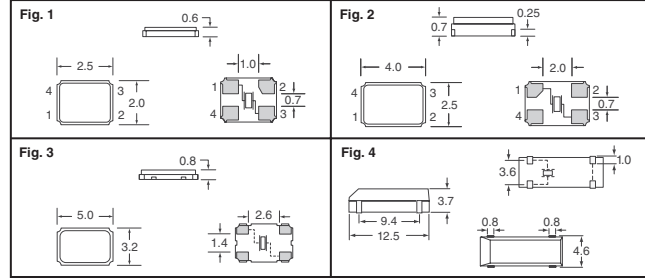
| Frequency (kHz) | ESR (kΩ) | Digi-Key Part No. | Cut Tape Price Each | | | Digi-Key Part No. | Tape & Reel | | Fox Electronics Part No. |
|-------------------------------|----------|-------------------|---------------------|------|------|-------------------|-------------|----------|--------------------------|
| | | | 1 | 10 | 50 | | Qty. | Pricing | |
| Fig. 1 — FSMLF Series | | | | | | | | | |
| 32.768 | 50 | 631-1206-1-ND | 1.37 | 1.19 | 1.05 | 631-1206-2-ND | 2,000 | 512.35/M | FSMLF327 |
| Fig. 2 — FSRLF Series | | | | | | | | | |
| 32.768 | 50 | 631-1000-1-ND | .89 | .77 | .68 | 631-1000-2-ND | 3,000 | 318.92/M | FSRLF327 |
| Fig. 3 — FSXLF Series | | | | | | | | | |
| 32.768 | 65 | 631-1001-1-ND | .99 | .86 | .76 | 631-1001-2-ND | 3,000 | 356.76/M | FSXLF327 |
| Fig. 4 — FX135 Series | | | | | | | | | |
| 32.768 | 70 | 631-1002-1-ND | 1.77 | 1.54 | 1.35 | 631-1002-2-ND | 3,000 | 637.84/M | FX135A-327 |
| Fig. 5 — NC26LF Series | | | | | | | | | |
| 32.768 | 50 | 631-1205-ND† | .38 | .33 | .28 | — | — | — | NC26LF-327 |
| Fig. 6 — NC38LF Series | | | | | | | | | |
| 32.768 | 35 | 631-1204-ND† | .38 | .33 | .28 | — | — | — | NC38LF-327 |

† Bulk

Ceramic SMD Crystals



Specifications: • Frequency Tolerance: ±50ppm • Load Capacitance: 20.0pF • Operating Temperature: FX252B, FX425B and FX532B Series: -10°C - 60°C (FPXLF Series: -10°C - 70°C)

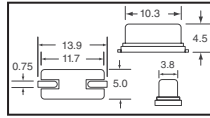


| Frequency (MHz) | Digi-Key Part No. | Cut Tape Price Each | | | Digi-Key Part No. | Tape & Reel Pricing 1,000 | Fox Electronics Part No. |
|-------------------------------|-------------------|---------------------|------|------|-------------------|---------------------------|--------------------------|
| | | 1 | 10 | 50 | | | |
| Fig. 1 — FX252B Series | | | | | | | |
| 16.0000 | 631-1036-1-ND | 4.96 | 4.30 | 3.77 | 631-1036-2-ND | 1849.85 | FX252BS-16.000 |
| 24.0000 | 631-1038-1-ND | 4.96 | 4.30 | 3.77 | 631-1038-2-ND | 1849.85 | FX252BS-24.000 |
| Fig. 2 — FX425B Series | | | | | | | |
| 12.0000 | 631-1039-1-ND | 2.28 | 1.98 | 1.74 | 631-1039-2-ND | 852.05 | FX425B-12.000 |
| Fig. 3 — FX532B Series | | | | | | | |
| 10.0000 | 631-1044-1-ND | 3.52 | 3.02 | 2.57 | — | — | FX532B-10 |
| 12.0000 | 631-1046-1-ND | 3.52 | 3.02 | 2.57 | — | — | FX532B-12 |
| 24.0000 | 631-1049-1-ND | 3.52 | 3.02 | 2.57 | — | — | FX532B-24 |
| Fig. 4 — FPXLF Series | | | | | | | |
| 3.6864 | 631-1208-1-ND | 1.11 | .97 | .85 | 631-1208-2-ND | 414.81 | FPXLF0368-20 |

HC49SDF Series SMD Crystals



Specifications:
 • Frequency Tolerance: ±50ppm • Drive Level: 0.5mW • Shunt Capacitance: 7pF
 • Storage Temperature: -40°C - 85°C • Operating Temperature: -20°C - 70°C

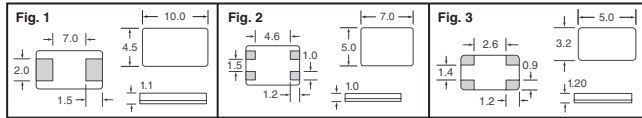


| Load Capacitance | Frequency (MHz) | Digi-Key Part No. | Cut Tape Price Each | | | Digi-Key Part No. | Tape & Reel Pricing 1,000 | Fox Electronics Part No. |
|------------------|-----------------|-------------------|---------------------|-----|-----|-------------------|---------------------------|--------------------------|
| | | | 1 | 10 | 50 | | | |
| 12.0pF | 4.194304 | 631-1006-1-ND | .50 | .43 | .38 | 631-1006-2-ND | 184.98 | FOXSDLF/041 |
| 18.0pF | 3.579545 | 631-1003-1-ND | .50 | .43 | .38 | 631-1003-2-ND | 184.98 | FOXSDLF/036S |
| 20.0pF | 3.686400 | 631-1004-1-ND | .50 | .43 | .38 | 631-1004-2-ND | 184.98 | FOXSDLF/0368-20 |
| | 4.000000 | 631-1005-1-ND | .50 | .43 | .38 | 631-1005-2-ND | 184.98 | FOXSDLF/040 |
| | 4.915200 | 631-1007-1-ND | .50 | .43 | .38 | 631-1007-2-ND | 184.98 | FOXSDLF/049-20 |
| | 6.000000 | 631-1008-1-ND | .50 | .43 | .38 | 631-1008-2-ND | 184.98 | FOXSDLF/060-20 |
| | 7.372800 | 631-1009-1-ND | .50 | .43 | .38 | 631-1009-2-ND | 184.98 | FOXSDLF/073-20 |
| | 8.000000 | 631-1010-1-ND | .50 | .43 | .38 | 631-1010-2-ND | 184.98 | FOXSDLF/080-20 |
| | 10.000000 | 631-1011-1-ND | .50 | .43 | .38 | 631-1011-2-ND | 184.98 | FOXSDLF/100-20 |
| | 11.059200 | 631-1012-1-ND | .50 | .43 | .38 | 631-1012-2-ND | 184.98 | FOXSDLF/115-20 |
| | 12.000000 | 631-1013-1-ND | .50 | .43 | .38 | 631-1013-2-ND | 184.98 | FOXSDLF/120-20 |
| | 12.288000 | 631-1014-1-ND | .36 | .32 | .27 | — | — | FOXSDLF/128-20 |
| | 14.318180 | 631-1015-1-ND | .50 | .43 | .38 | 631-1015-2-ND | 184.98 | FOXSDLF/143-20 |
| | 14.745600 | 631-1016-1-ND | .50 | .43 | .38 | 631-1016-2-ND | 184.98 | FOXSDLF/147-20 |
| | 16.000000 | 631-1017-1-ND | .50 | .43 | .38 | 631-1017-2-ND | 184.98 | FOXSDLF/160-20 |
| | 18.432000 | 631-1209-1-ND | .50 | .43 | .38 | 631-1209-2-ND | 184.98 | FOXSDLF/184-20 |
| | 20.000000 | 631-1018-1-ND | .50 | .43 | .38 | 631-1018-2-ND | 184.98 | FOXSDLF/200-20 |
| | 22.118400 | 631-1019-1-ND | .50 | .43 | .38 | 631-1019-2-ND | 184.98 | FOXSDLF/221-20 |
| | 24.000000 | 631-1020-1-ND | .50 | .43 | .38 | 631-1020-2-ND | 184.98 | FOXSDLF/240F-20 |
| | 24.576000 | 631-1021-1-ND | .50 | .43 | .38 | 631-1021-2-ND | 184.98 | FOXSDLF/245F-20 |
| | 25.000000 | 631-1022-1-ND | .50 | .43 | .38 | 631-1022-2-ND | 184.98 | FOXSDLF/250F-20 |

FQ Series All Quartz SMD Crystals



Specifications: • Frequency Tolerance: ±30ppm • Drive Level: 0.5mW • Shunt Capacitance: 7pF • Load Capacitance: 20.0pF • Operating Temperature: 0°C - 70°C



| Freq. (MHz) | Digi-Key Part No. | Cut Tape Price Each | | | Digi-Key Part No. | T&R Pricing 1,000 | Fox Electronics Part No. |
|--------------------------------|-------------------|---------------------|------|------|-------------------|-------------------|--------------------------|
| | | 1 | 10 | 50 | | | |
| Fig. 1 — FQ1045A Series | | | | | | | |
| 3.6864 | 631-1032-1-ND | 1.63 | 1.41 | 1.24 | 631-1032-2-ND | 605.40 | FQ1045A-3.6864 |
| 4.0000 | 631-1033-1-ND | 1.63 | 1.41 | 1.24 | 631-1033-2-ND | 605.40 | FQ1045A-4.000 |
| 6.0000 | 631-1035-1-ND | 1.63 | 1.41 | 1.24 | 631-1035-2-ND | 605.40 | FQ1045A-6.000 |
| Fig. 2 — FQ7050B Series | | | | | | | |
| 7.3728 | 631-1028-1-ND | 1.05 | .92 | .80 | 631-1028-2-ND | 392.39 | FQ7050B-7.3728 |
| 8.0000 | 631-1029-1-ND | 1.05 | .92 | .80 | 631-1029-2-ND | 392.39 | FQ7050B-8.000 |
| 10.0000 | 631-1030-1-ND | 1.05 | .92 | .80 | 631-1030-2-ND | 392.39 | FQ7050B-10.000 |
| 11.0592 | 631-1031-1-ND | 1.05 | .92 | .80 | 631-1031-2-ND | 392.39 | FQ7050B-11.0592 |
| Fig. 3 — FQ5032B Series | | | | | | | |
| 12.0000 | 631-1023-1-ND | 1.17 | 1.02 | .90 | 631-1023-2-ND | 437.24 | FQ5032B-12.000 |
| 16.0000 | 631-1024-1-ND | 1.17 | 1.02 | .90 | 631-1024-2-ND | 437.24 | FQ5032B-16.000 |
| 20.0000 | 631-1025-1-ND | 1.17 | 1.02 | .90 | 631-1025-2-ND | 437.24 | FQ5032B-20.000 |
| 24.0000 | 631-1026-1-ND | 1.17 | 1.02 | .90 | 631-1026-2-ND | 437.24 | FQ5032B-24.000 |
| 24.5760 | 631-1027-1-ND | 1.17 | 1.02 | .90 | 631-1027-2-ND | 437.24 | FQ5032B-24.576 |
| 25.0000 | 631-1207-1-ND | 1.17 | 1.02 | .90 | 631-1207-2-ND | 437.24 | FQ5032B-25.000 |

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