



AEC-Q200 qualified GEYER-Quartz Crystals (KX) and Oscillators (KXO)

| | Part no. | Frequency | Model | Dimension mm | Load capacitance | RS Ohm |
|----------------------|----------|--------------|-----------|------------------|-------------------------|----------------------|
| Tuning Fork Crystals | 12.87168 | 32.768 kHz | KX-327RF | 2.0 1.2 0.6 | 9 pF | 20/120k |
| | 12.87166 | 32.768 kHz | KX-327RF | | 12.5 pF | 20/120k |
| | 12.87180 | 32.768 kHz | KX-327NHF | 3.2 1.5 0.8 | 9 pF | 20/70k |
| | 12.87181 | 32.768 kHz | KX-327NHF | | 12.5 pF | 20/70k |
| | 12.87091 | 32.768 kHz | KX-327NHF | | 9 pF | 10/70k |
| Quartz Crystals | 12.85521 | 26.0 MHz | KX-5T | 2.0 1.6 0.45 | 10 pF | 10/20/60 |
| | 12.85617 | 32.0 MHz | KX-5T | | 10 pF | 10/20/60 |
| | 12.85536 | 40.0 MHz | KX-5T | | 8 pF | 10/20/80 |
| | 12.85619 | 50.0 MHz | KX-5F | | 8 pF | 15/50/50 |
| | 12.86508 | 16.0 MHz | KX-6 | 2.5 2.0 0.55 | 10 pF | 30/50/100 |
| | 12.86550 | 16.0 MHz | KX-6E | | 10 pF | 30/150/100 |
| | 12.86574 | 27.0 MHz | KX-6F | | 8 pF | 30/150/80 |
| | 12.86556 | 40.0 MHz | KX-6T | | 8 pF | 10/20/50 |
| | 12.60048 | 8.0 MHz | KX-7F | 3.2 2.5 0.8 | 12 pF | 50/150/500 |
| | 12.60049 | 8.0 MHz | KX-7F | | 12 pF | 30/50/400 |
| | 12.60223 | 10.0 MHz | KX-7H | | 8 pF | 50/150/300 |
| | 12.88566 | 11.05920 MHz | KX-7F | | 8 pF | 50/150/200 |
| | 12.88778 | 16.0 MHz | KX-7F | | 8 pF | 30/150/100 |
| | 12.60060 | 16.0 MHz | KX-7H | | 8 pF | 50/150/100 |
| | 12.60197 | 16.0 MHz | KX-7F | | 8 pF | 15/50/100 |
| | 12.60141 | 16.0 MHz | KX-7F | | 12 pF | 50/150/80 |
| | 12.88722 | 16.0 MHz | KX-7T | | 12 pF | 10/25/60 |
| | 12.88513 | 16.0 MHz | KX-7T | | 12 pF | 30/30/70 |
| | 12.88544 | 18.4320 MHz | KX-7E | | 16 pF | 10/30/100 |
| | 12.88482 | 20.0 MHz | KX-7E | | 12 pF | 30/150/100 |
| | 12.60050 | 20.0 MHz | KX-7E | | 12 pF | 30/50/60 |
| | 12.88460 | 20.0 MHz | KX-7F | | 12 pF | 30/50/65 |
| | 12.60137 | 24.0 MHz | KX-7F | | 12 pF | 30/50/50 |
| | 12.60225 | 27.120 MHz | KX-7T | | 12 pF | 30/50/50 |
| | 12.88763 | 30.0 MHz | KX-7F | | 12 pF | 30/100/50 |
| | 12.60226 | 32.0 MHz | KX-7T | | 12 pF | 30/50/40 |
| | 12.60244 | 32.0 MHz | KX-7E | | 18 pF | 30/100/40 |
| | 12.60198 | 40.0 MHz | KX-7F | | 8 pF | 15/50/50 |
| | 12.89495 | 8.0 MHz | KX-9BH | | 8 pF | 50/150/300 |
| | 12.87738 | 10.0 MHz | KX-12BT | 6.0 3.5 1.0 | 16 pF | 30/100/80 |
| | 12.85046 | 8.0 MHz | KX-13F | 7.0 5.0 1.3 | 18 pF | 20/50/60 |
| | 12.85052 | 16.0 MHz | KX-13T | | 16 pF | 50/100/30 |
| | | | | | Supply Voltage V | Tolerance ppm |
| Oscillators | 12.95900 | 8.0 MHz | KXO-V95 | 2.5 2.0 0.82 | 3.3V | 25 ppm |
| | 12.95151 | 20.0 MHz | KXO-V96F | 3.2 2.5 1.2 | 3.3V | 50 ppm |
| | 12.95127 | 25.0 MHz | KXO-V96F | | 3.3V | 50 ppm |
| | 12.95128 | 27.0 MHz | KXO-V96E | | 3.3V | 50 ppm |
| | 12.95141 | 27.0 MHz | KXO-V96F | | 3.3V | 50 ppm |
| | 12.95158 | 32.0 MHz | KXO-V96F | | 3.3V | 100 ppm |
| | 12.95126 | 33.3333 MHz | KXO-V96E | | 3.3V | 50 ppm |
| | 12.95157 | 33.3333 MHz | KXO-V96E | | 1.8V | 50 ppm |

T type = for temperature range -40 ~ +85 °C
E type = for temperature range -40 ~ +105 °C

F type = for temperature range -40 ~ +125 °C
H type = for temperature range -40 ~ +150 °C