KYOCERA

NR = Not Recommended

| Products | | | Dimensions (mm) | | | Weight (g) | Applications | | | | | Products | Frequency Range (MHz) | Conditions of Use | | | | RoHS Compli-ant* | AEC | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | Solder | | | Washable | | | |
| Product Type | Page No. | Part Number | L | W | T (max.) | | Digital Electronics OA, PC Peripherals Amusement | Car Electron-ics, ITS, Car Audio, Car Navigation | Car Electronics (ECU, Air Bag, ABS, TPMS etc.) | Mobile Comm. Wire-less LAN Dedicatedd Short Range Comm.(DSRC) | Industrial Use (Broadcast, Medical, Base Station etc.) | Part Number | 1 10 50 100 300 to 800 | Manual | Reflow | Flow | | | Q100 | Q200 |
| Crystal Units | 3 | CT1612RB | 1.6 | 1.2 | 0.65 | 0.0052 | | | | ○ | | CT1612RB | 38.4 ----------76.8 | Yes | Yes | No | Yes | Yes | | |
| | 4 | CT2016DB (Low Profile) | 2.0 | 1.6 | 0.65 | 0.0076 | | | | ○ | | CT2016DB (Low Profile) | 19.2 38.4 | Yes | Yes | No | Yes | Yes | | |
| | 4 | CT2016DB | 2.0 | 1.6 | 1.0 | 0.0109 | | | | ○ | | CT2016DB | 19.2 38.4 | Yes | Yes | No | Yes | Yes | | |
| | 5 | CX1008SB | 1.0 | 0.8 | 0.3 | 0.0010 | ○ | | | ○ | | CX1008SB | 37.4 ----------80 | Yes | Yes | No | Yes | Yes | | |
| | 6 | CX1210DB | 1.2 | 1.0 | 0.3 | 0.0016 | ○ | | | ○ | | CX1210DB | 37.4 ----------80 | Yes | Yes | No | Yes | Yes | | |
| | 7 | CX1210SB | 1.2 | 1.0 | 0.35 | 0.0016 | ○ | | | ○ | | CX1210SB | 27.12 32 48 76.8 | Yes | Yes | No | Yes | Yes | | |
| | 8 | CX1612DB | 1.6 | 1.2 | 0.33/0.4 | 0.0029 | ○ | | | ○ | | CX1612DB | 24 -------- 48 | Yes | Yes | No | Yes | Yes | | |
| | 9 | CX2016DB | 2.0 | 1.6 | 0.45 | 0.0056 | ○ | | | | | CX2016DB | 16 ---------- 50 | Yes | Yes | No | Yes | Yes | | |
| | 10 | CX2016GR (for Automotive) | 2.0 | 1.6 | 0.785 | 0.0081 | | ○ | ○ | | | CX2016GR (for Automotive) | 16 20 | Yes | Yes | No | Yes | Yes | | Yes |
| | 11 | CX2016SA (for Automotive) | 2.0 | 1.6 | 0.5 | 0.0063 | ○ | ○ | ○ | | | CX2016SA (for Automotive) | 16 ---------- 50 | Yes | Yes | No | Yes | Yes | | Yes |
| | 12 | CX3225CA (for Automotive) | 3.2 | 2.5 | 0.9 | 0.0212 | | ○ | ○ | | | CX3225CA (for Automotive) | 12 ---------- 54 | Yes | Yes | No | Yes | Yes | | Yes |
| | 13 | CX3225GA (for Automotive) | 3.2 | 2.5 | 0.95 | 0.0231 | | ○ | ○ | | | CX3225GA (for Automotive) | 8 ---------- 40 | Yes | Yes | No | Yes | Yes | | Yes |
| | 14 | CX3225GB | 3.2 | 2.5 | 0.9 | 0.0212 | ○ | | | | | CX3225GB | 12 ---------- 54 | Yes | Yes | No | Yes | Yes | | |
| | 15 | CX3225SA (for Automotive) | 3.2 | 2.5 | 0.8 | 0.0200 | | ○ | ○ | | | CX3225SA (for Automotive) | 8 ---------- 40 | Yes | Yes | No | Yes | Yes | | Yes |
| | 16 | CX3225SB | 3.2 | 2.5 | 0.6 | 0.0191 | ○ | | | ○ | | CX3225SB | 12 ---------- 54 | Yes | Yes | No | Yes | Yes | | |
| Clock Oscillators (SPXO) | 19-20 | KC2016Z (X type) | 2.0 | 1.6 | 0.8 | 0.0071 | ○ | | | ○ | ○ | KC2016Z (X type) | 0.5 ---------- 170 | No | Yes | No | NR | Yes | | |
| | 19, 21 | KC2016Z (Y type) | 2.0 | 1.6 | 0.8 | 0.0071 | ○ | | | ○ | ○ | KC2016Z (Y type) | 24---------- 72 | No | Yes | No | NR | Yes | | |
| | 19-20 | KC2520Z (X type) | 2.5 | 2.0 | 0.8 | 0.0125 | ○ | | | ○ | ○ | KC2520Z (X type) | 0.5 ---------- 170 | No | Yes | No | NR | Yes | | |
| | 19, 21 | KC2520Z (Y type) | 2.5 | 2.0 | 0.8 | 0.0125 | ○ | | | ○ | ○ | KC2520Z (Y type) | 24---------- 72 | No | Yes | No | NR | Yes | | |
| | 19-20 | KC3225Z (X type) | 3.2 | 2.5 | 0.8 | 0.0127 | ○ | | | ○ | ○ | KC3225Z (X type) | 0.5 ---------- 170 | No | Yes | No | NR | Yes | | |
| | 19, 21 | KC3225Z (Y type) | 3.2 | 2.5 | 0.8 | 0.0127 | ○ | | | ○ | ○ | KC3225Z (Y type) | 24---------- 72 | No | Yes | No | NR | Yes | | |
| | 19-20 | KC5032Z (X type) | 5.0 | 3.2 | 1.2 | 0.0272 | ○ | | | ○ | ○ | KC5032Z (X type) | 0.5 ---------- 170 | No | Yes | No | NR | Yes | | |
| | 19, 21 | KC5032Z (Y type) | 5.0 | 3.2 | 1.2 | 0.0272 | ○ | | | ○ | ○ | KC5032Z (Y type) | 24---------- 72 | No | Yes | No | NR | Yes | | |
| | 19-20 | KC7050Z (X type) | 7.0 | 5.0 | 1.2 | 0.0367 | ○ | | | ○ | ○ | KC7050Z (X type) | 0.5 ---------- 170 | No | Yes | No | NR | Yes | | |
| | 19, 21 | KC7050Z (Y type) | 7.0 | 5.0 | 1.2 | 0.0367 | ○ | | | ○ | ○ | KC7050Z (Y type) | 24---------- 72 | No | Yes | No | NR | Yes | | |
| | 22-23 | MC2016Z (X type) | 2.0 | 1.6 | 0.8 | 0.0071 | | ○ | | | | MC2016Z (X type) | 0.5 ---------- 170 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 22, 24 | MC2016Z (Y type) | 2.0 | 1.6 | 0.8 | 0.0071 | | ○ | | | | MC2016Z (Y type) | 24---------- 72 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 22-23 | MC2520Z (X type) | 2.5 | 2.0 | 0.8 | 0.0125 | | ○ | | | | MC2520Z (X type) | 0.5 ---------- 170 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 22, 24 | MC2520Z (Y type) | 2.5 | 2.0 | 0.8 | 0.0125 | | ○ | | | | MC2520Z (Y type) | 24---------- 72 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 22-23 | MC3225Z (X type) | 3.2 | 2.5 | 0.8 | 0.0127 | | ○ | | | | MC3225Z (X type) | 0.5 ---------- 170 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 22, 24 | MC3225Z (Y type) | 3.2 | 2.5 | 0.8 | 0.0127 | | ○ | | | | MC3225Z (Y type) | 24---------- 72 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 22-23 | MC5032Z (X type) | 5.0 | 3.2 | 1.2 | 0.0272 | | ○ | | | | MC5032Z (X type) | 0.5 ---------- 170 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 22, 24 | MC5032Z (Y type) | 5.0 | 3.2 | 1.2 | 0.0272 | | ○ | | | | MC5032Z (Y type) | 24---------- 72 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 22-23 | MC7050Z (X type) | 7.0 | 5.0 | 1.2 | 0.0367 | | ○ | | | | MC7050Z (X type) | 0.5 ---------- 170 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 22, 24 | MC7050Z (Y type) | 7.0 | 5.0 | 1.2 | 0.0367 | | ○ | | | | MC7050Z (Y type) | 24---------- 72 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 25-26 | KC2016K (32.768kHz) | 2.0 | 1.6 | 0.8 | 0.0070 | ○ | | | ○ | ○ | KC2016K (32.768kHz) | 0.032768 | No | Yes | No | NR | Yes | | |
| | 25-26 | KC2520K (32.768kHz) | 2.5 | 2.0 | 0.8 | 0.0124 | ○ | | | ○ | ○ | KC2520K (32.768kHz) | 0.032768 | No | Yes | No | NR | Yes | | |
| | 25-26 | KC3225K (32.768kHz) | 3.2 | 2.5 | 0.8 | 0.0126 | ○ | | | ○ | ○ | KC3225K (32.768kHz) | 0.032768 | No | Yes | No | NR | Yes | | |
| | 25-26 | KC5032K (32.768kHz) | 5.0 | 3.2 | 1.2 | 0.0271 | ○ | | | ○ | ○ | KC5032K (32.768kHz) | 0.032768 | No | Yes | No | NR | Yes | | |
| | 25-26 | KC7050K (32.768kHz) | 7.0 | 5.0 | 1.2 | 0.0366 | ○ | | | ○ | ○ | KC7050K (32.768kHz) | 0.032768 | No | Yes | No | NR | Yes | | |
| | 27-29 | KC2016K | 2.0 | 1.6 | 0.8 | 0.0070 | ○ | | | ○ | ○ | KC2016K | 1.5 ----------160 | No | Yes | No | NR | Yes | | |
| | 27-29 | KC2520K | 2.5 | 2.0 | 0.8 | 0.0124 | ○ | | | ○ | ○ | KC2520K | 1.5 ----------160 | No | Yes | No | NR | Yes | | |
| | 27-29 | KC3225K | 3.2 | 2.5 | 0.8 | 0.0126 | ○ | | | ○ | ○ | KC3225K | 1.5 ----------160 | No | Yes | No | NR | Yes | | |
| | 27-29 | KC5032K | 5.0 | 3.2 | 1.2 | 0.0271 | ○ | | | ○ | ○ | KC5032K | 1.5 ----------160 | No | Yes | No | NR | Yes | | |
| | 27-29 | KC7050K | 7.0 | 5.0 | 1.2 | 0.0366 | ○ | | | ○ | ○ | KC7050K | 1.5 ----------160 | No | Yes | No | NR | Yes | | |
| | 30-31 | MC2016K (32.768kHz) | 2.0 | 1.6 | 0.8 | 0.0070 | | ○ | | | | MC2016K (32.768kHz) | 0.032768 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 30-31 | MC2520K (32.768kHz) | 2.5 | 2.0 | 0.8 | 0.0124 | | ○ | | | | MC2520K (32.768kHz) | 0.032768 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 30-31 | MC3225K (32.768kHz) | 3.2 | 2.5 | 0.8 | 0.0126 | | ○ | | | | MC3225K (32.768kHz) | 0.032768 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 30-31 | MC5032K (32.768kHz) | 5.0 | 3.2 | 1.2 | 0.0271 | | ○ | | | | MC5032K (32.768kHz) | 0.032768 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 30-31 | MC7050K (32.768kHz) | 7.0 | 5.0 | 1.2 | 0.0366 | | ○ | | | | MC7050K (32.768kHz) | 0.032768 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 32-34 | MC2016K | 2.0 | 1.6 | 0.8 | 0.0070 | | ○ | | | | MC2016K | 1.5 ----------160 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 32-34 | MC2520K | 2.5 | 2.0 | 0.8 | 0.0124 | | ○ | | | | MC2520K | 1.5 ----------160 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 32-34 | MC3225K | 3.2 | 2.5 | 0.8 | 0.0126 | | ○ | | | | MC3225K | 1.5 ----------160 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 32-34 | MC5032K | 5.0 | 3.2 | 1.2 | 0.0271 | | ○ | | | | MC5032K | 1.5 ----------160 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| | 32-34 | MC7050K | 7.0 | 5.0 | 1.2 | 0.0366 | | ○ | | | | MC7050K | 1.5 ----------160 | No | Yes | No | NR | Yes | Yes (option) | Yes |
| Temperature Compensated Crystal Oscillators (TCXO) | 35 | KT1612A (Low Voltage Drive) | 1.65 | 1.25 | 0.55 | 0.0048 | | | | ○ | | KT1612A (Low Voltage Drive) | 26 ---------- 52 | No | Yes | No | No | Yes | | |
| | 36 | KT1612A (Low Phase Noise) | 1.65 | 1.25 | 0.55 | 0.0048 | ○ | | | ○ | ○ | KT1612A (Low Phase Noise) | 19.2 ---------- 76.8 | No | Yes | No | No | Yes | | |
| | 37 | KT1612A | 1.65 | 1.25 | 0.55 | 0.0040 | ○ | | | ○ | ○ | KT1612A | 19.2 ---------- 76.8 | No | Yes | No | No | Yes | | |
| | 38 | KT2016K | 2.0 | 1.6 | 0.8 | 0.0070 | ○ | ○ | | ○ | ○ | KT2016K | 19.2 ---------- 52.0 | No | Yes | No | No | Yes | Yes (option) | Yes |
| | 39 | KT2520K | 2.5 | 2.0 | 0.8 | 0.0080 | ○ | ○ | | ○ | ○ | KT2520K | 19.2 ---------- 52.0 | No | Yes | No | No | Yes | Yes (option) | Yes |
| | 40 | KT5032F | 5.0 | 3.2 | 1.7 | 0.0669 | | | | | ○ | KT5032F | 10 ---------- 44.8 | Contact us | Yes | No | No | Yes | | |
| | 41 | KT7050 | 7.0 | 5.0 | 1.7 | 0.1322 | | | | | ○ | KT7050 | 10 ---------- 44.8 | Contact us | Yes | No | No | Yes | | |

* RoHS Compliant Products : Products which do not contain lead, cadmium, mercury, hexavalent chromium, PBB, PBDE, DEHP, BBP, DBP and DIBP, based on EU DIRECTIVE 2015/863/EU.
Substances exempted by the DIRECTIVE and impurities observed in the natural environment are excepted.

As of October 2023