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Kingtronics Tantalum and Ceramic Capacitors Cross Reference

SURFACE MOUNT (SMD) TANTALUM CAPACITOR CROSS-REFERENCE

| Kingtronics Series | Kingtronics Description | NIC Series | AVX(KYO CERA) | Kemet | KOA/Hitachi | Matsuo | NEC | Nichicon | Panasonic | Vishay | China Part No. |
|--------------------|--|------------|---------------|-------|-------------|---------|-----|----------|-----------|--------|----------------|
| CKT Series | Tantalum Chip Capacitors, General Purpose, A,B,C,D,E,F | NTC-T | TAJ | T491 | TMC TMC-M | 265 267 | NR | F93 | TE(ECST) | 293D | CA45 |
| EKT Series | Tantalum Chip Capacitors Low ESR | NTC-L | TPS | T495 | TMC-R | *** | SVZ | *** | *** | 593D | *** |

DIPPED TANTALUM CAPACITOR CROSS-REFERENCE

| Kingtronics Series | Kingtronics Description | NIC Series | AVX | Kemet | Nemco | Mallory | Panasonic | Sprague | China Part No. | Matsuo | NEC | Nichicon |
|--------------------|--|------------|-----|--------------|--------|---------|-----------|----------------------------|----------------|-----------|--------|----------|
| TKT Series | Radial Epoxy Dipped Tantalum Capacitor | NDTM | TAP | T350 to T390 | TB PDT | TDC TDL | ECSF | 196D/199D /489D/ETP W/ETQW | CA42 | 202 / 204 | ND, NP | S89 |

CHIP MULTILAYER CERAMIC CAPACITOR (MLCC) CROSS-REFERENCE

| Kingtronics Series | Kingtronics Description | NIC Series | AVX(KYO CERA) | EPCOS | Kemet | KOA | Murata | Panasonic | Phillips | TDK | Vishay/Vitramon | Yageo | Samsung | SYFER |
|--------------------|--|------------|---------------|--------|-------|------|--------|-----------|-----------|--------|-----------------|--------|---------|-------|
| LKT, HKT series | 0402 Size, NPO, X7R, Y5V Dielectric, LKT chip MLCC, HKT high voltage chip MLCC | NMC0402 | 0402 | B37920 | C0402 | 0402 | GRM15 | ECU (0) | CXXXX0402 | CC0402 | VJ0402 | CC0402 | | 0402 |
| LKT, HKT Series | 0603 Size, NPO, X7R, Y5V Dielectric, LKT chip MLCC, HKT high voltage chip MLCC | NMC0603 | 0603 | B37930 | C0603 | 0603 | GRM18 | ECU (1) | CXXXX0603 | CC0603 | VJ0603 | CC0603 | CL10 | 0603 |
| LKT, HKT Series | 0805 Size, NPO, X7R, Y5V Dielectric, LKT chip MLCC, HKT high voltage chip MLCC | NMC0805 | 0805 | B37940 | C0805 | 0805 | GRM21 | ECU (2) | CXXXX0805 | CC0805 | VJ0805 | CC0805 | CL21 | 0805 |
| LKT, HKT Series | 1206 Size, NPO, X7R, Y5V Dielectric, LKT chip MLCC, HKT high voltage chip MLCC | NMC1206 | 1206 | B37871 | C1206 | 1206 | GRM31 | ECU (3) | CXXXX1206 | CC1206 | VJ1206 | CC1206 | CL31 | 1206 |
| LKT, HKT Series | 1210 Size, NPO, X7R, Y5V Dielectric, LKT chip MLCC, HKT high voltage chip MLCC | NMC1210 | 1210 | B37949 | C1210 | 1210 | GRM32 | ECU (4) | CXXXX1210 | CC1210 | VJ1210 | *** | CL32 | 1210 |

RADIAL MULTILAYER CERAMIC & AXIAL MULTILAYER CERAMIC CAPACITOR CROSS-REFERENCE

| Kingtronics Series | Kingtronics Description | NIC Series | AVX(KYO CERA) | Illinois Capacitor | Kemet | Mallory | Panasonic | Phillips | Vishay | Murata | Nippon chemi-con |
|--------------------|--|------------|---------------|--------------------|-----------|---------|-----------|-----------------|----------------|--------|------------------|
| MKT Series | Radial, Dipped Multilayer Ceramic Capacitors | NCM | SR | *** | C315~C350 | M | ECU-S | K, CN CW,CZ | K (Mono-Kap) | RPE | THD serie |
| AKT Series | Axial Multilayer Ceramic Capacitors | NCMA | SA | *** | C410~C440 | P | *** | A, A40 A41, A43 | A (Mono-Axial) | *** | *** |