ACCELERATING
INNOVATION

FOCUS BUSINESS SECTORS AND APPLICATIONS

High Reliability
» Stability & Propulsion
» Power Amplifier
» Micro Module Receiver
» Hybrid Circuits
» Radio
» Navigation & Control
» Processing
» AESA Radar

Industrial
» Smart Buildings
» Automation
» Controllers
» Alarms/Fire Controls
» HVAC
» Robotics
» Smart Wall
» Security

Transportation
» Pedestal Charger / High Power Charger
» Electric H2O Pump
» Class 8 Vehicles
» Motor/Latch/Relay Transient Protection
» HMI
» E-Call
» ADAS
» Battery Pack

Green Energy & Power Conversion
» Wide Band Gap Power Conversion
» Generator/Fuel Cells
» Home Battery Back-Up
» E-Power True Sine wave Inverter
» IoT
» Energy Harvest
» Smart Meter
» Solar Inverter

Communication & Computing
» Optoelectronics ROSA/TOSA
» FPGA, Microcontroller, Microprocessor
» Software Defined Radio (SDR)
» Solid State Drive
» SoC
» 5G
» AI
» Servers
<table>
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<th>Key Customers</th>
<th>Applications</th>
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| Military Contractors, Down Hole Drilling, LEO, MEO, HEO | **High Reliability | Why KYOCERA AVX?**  
- APS Series: Highly reliable smallest size, highest CV COTS+ MLCCs  
- MLO Filters: High, low, and band pass filters with high rejection performance and TCE matching capabilities  
- TCH: Hermetically sealed Tantalum Polymer that removes environmental instabilities in MIL and COTS+ options  
- TurboCap: Vertical Stacked MLCCs with inherently low inductance and high capacitance values  
| Lighting, PV Manufacturers, Power Supply, Automation | **Industrial | Why KYOCERA AVX?**  
- Aluminum Electrolytic: Competitive lead times, V-Chip and leaded available in Wet, Polymer and Hybrid systems  
- Fuses: Accu-Guard® II thin film fuses are the smallest, lightest, and most accurate fuses in the industry  
- SPE Connector: Press-Fit and SMT options for SPE networks that utilize easy-to-assemble IDC wire termination technology  
- Inductors: LMLP Series are one of the smallest, shielded, and low profile inductors available  
| Inverter Customers, Smart Grid, Remote IoT, UPS | **Green Energy & Power Conversion | Why KYOCERA AVX?**  
- PV-X2 Safety Caps: Enhanced film technology for increased reliability  
- Supercapacitors: Radial and prismatic packages for energy storage requiring high charge/discharge cycles and peak power handling  
- Antennas: Remote IoT and RF scavenging applications can make use of multiple highly efficient passive antenna offerings  
- Rectifier Diode: Low-loss, small size, highly reliable package for power conversion bridge circuits  
| Tier 1 Auto, Rail, Class 8 Vehicles, EV Charging, Sensors (Radar, LiDAR, ADAS, Pressure, Temperature, etc.) | **Transportation | Why KYOCERA AVX?**  
- NTC: Accurate thermistors for battery cell monitoring and other temperature sensing applications  
- Timing: Large offering of crystals, oscillators, and TCXOs utilizing industry smallest and long-lived packages  
- Coax Connector: 6791 Series offer ideal frequency response and solder-free assembly of wireless modules  
- AEC-Q200 Supercapacitors: First-to-Market AEC qualified supercapacitors  
- MLV: OPEN Alliance qualified and High Temp. performance varistors with large energy ratings and repetitive strike capability  
| 5G, FPGA, Microprocessor, Microcontroller, Data Center, Optoelectronics, Edge Computing | **Communication & Computing | Why KYOCERA AVX?**  
- Q-Bridge: Novel SMD heat pipe with extremely low capacitive loading for unique thermal management solutions  
- GiGuard®: Smallest SMT TVS diode available with increased overvoltage suppression for high-speed digital circuits  
- FFC/FPC Connectors: Smallest pitch, low profile, back-locking connectors combining LIF/ZIF technology for increased retention forces while optimizing frequency response  
- 3-Terminal Feedthru Capacitors: Eliminates ferrite beads, single component EMI control with broad frequency range and high capacitance/current capabilities  

Have a question, email inquiry@kyocera-avx.com