

V 1.0







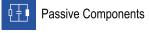
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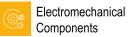
Our Product Portfolio















Displays & Monitors





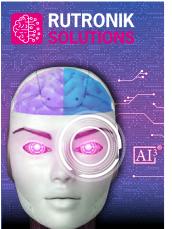














Committed to excellence

Consult – Know-how, Built-in.

The Technical Competence from RUTRONIK

Worldwide and individual consulting on the spot by competent sales staff, application engineers & product specialists.

Components – Variety. Built-in.

The Product Portfolio from RUTRONIK

Wide product range of semiconductors, passive and electromechanical components, displays & monitors, boards & systems, storage and wireless technologies for optimum coverage of your needs.

Logistics – Reliability. Built-in.

The Delivery Service from RUTRONIK

Innovative and flexible solutions: from supply chain management to individual logistics systems.

Quality – Security. Built-in.

Quality without Compromise from RUTRONIK

The integrated management system (IMS) encompasses quality control, information security, environmental protection, occupational health and safety.



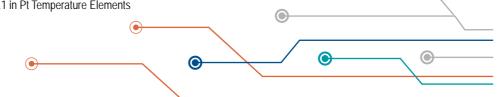


YAGEO Group's – Built into Tomorrow

YAGEO Group's Leading Market Position

YAGEO

- No.1 in Chip Resistors
- No.1 in Discrete LAN Magnetics
- No.1 in Polymer Tantalum
- Magnetic Products No.1 in Pt Temperature Elements



No.3 in Ceramic Capacitors (MLCC)

No.3 in Inductors and Auotmotive

More about YAGEO Group

YAGEO 國巨







Chip Resistors

Leaded Resistors

Circuit Protection

MLCCs

- - Tantalum
 - MLCCs
 - Film/E-Caps
 - Sensors & Actuators
 - Magnetics

- EMC/EMI Components
- Power Magnetics
- Transformators
- Antennas & LTCC Filters
- PT RTD Sensors
- PCB

New

- Sensor Assmblies
- Sensor Elements with Wires





Chip Resistors



Thin Film Precision Resistor - RP/AT/RT/VT/NT





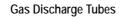
Metal Current Sensor - PA/PE/PU/PS



Thick Film High Reliability - AC/AF/SR/RV/AH / - RC Small Size (01005/0075/0050)

Circuit Protection Components







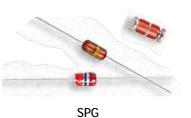
Chip Fuse





ESD

PPTC





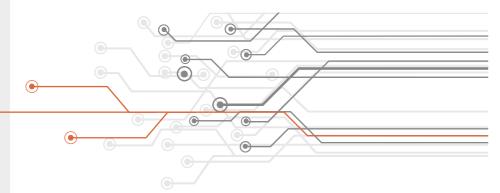




TVS Diodes



- World's 1st with 30%+ of global capacity
- 1st to launch metal current sensor 01005
- Obtains UL 2799A, the Highest Platinum Rating for Zero Waste to Landfill
- Sulfur Resistant & High Stability
- Sustainability Product, Lead Free Option
- AEC-Q200 qualified (for Automotive Grade)

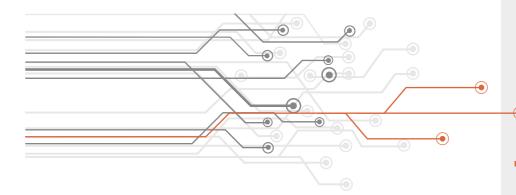
























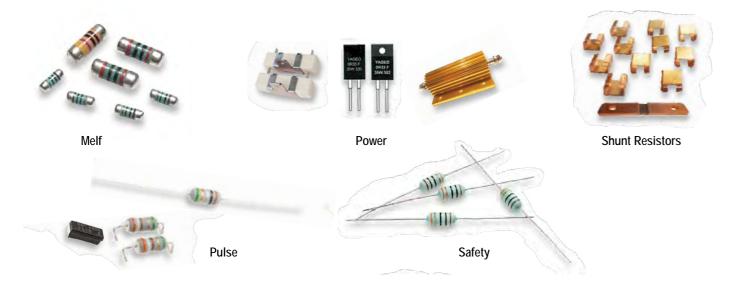


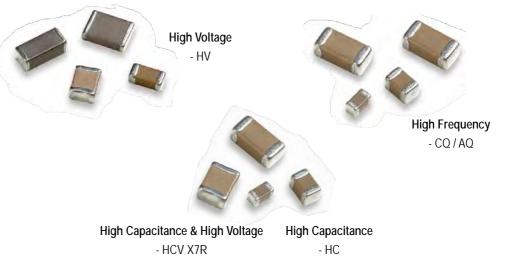
- Our wide product portfolio fulfills most customer needs, making us a top choice for your primary sourcing
- Market leading at overcurrent and overvoltage protection feature
- Fully vertically integrated semiconductor manufacturing process

Rutronik – YAGEO Group



Through Hole Resistors









- One of the major market providers
- 3 factories in Asia and Europe
- 90 years of manufacturing experience in Through-hole resistors
- AEC-Q200 qualified (for Automotive Grade)
- IATF16949 certified
- UL, VDE certified

























- Various case sizes from 01005 to 2220 (inch)
- High capacitances for Class I and Class II
- Complete high frequency product range up to 150°C
- AEC-Q200 qualified for Automotive Grade
- Rated voltage up to 3KV

Rutronik – YAGEO Group



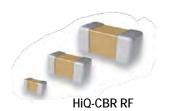
Ceramic Capacitors



KC-LINK™ For Fast Switching Semiconductors



KONNEKT™ High-efficiency and High-Density Power Applications



Automotive Grade





Flex Term, VW80808, Open Mode, Floating Electrode, KPS



Safety Certified and AC Rated SMD and Leaded

Polymer Tantalum High Energy Low Profile





Polymer / Tantalum / SuperCapacitors

Tantalum Capacitor MnO2

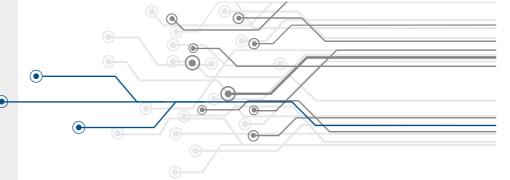






Polymer Capacitor Commercial Grade

YAGEO KEMET



- Class I dielectrics COG(NP0) and U2J
- High Voltage MLCC's rated ≥ 500 volts
- Commitment to large case size MLCC's from 0805 - 3640 (EIA)



















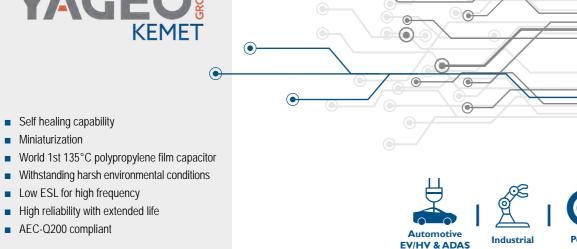


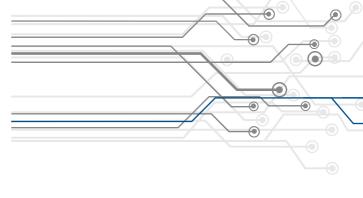




- Wide portfolio
- Leading Edge Technology
- Auto Grade 1st to market
- Customizing solution
- Fully covered market segments (Consumer to Space)
- Localized service and support
- Enaged with top players in each segment







- Hybrid design, extremely high ripple current and low thermal resistance performance
- The first axial & radial crown SMD on the
- Friendly to base cooling design, flexible ways of installation
- Anti-vibration design, 20 g
- Shortest LT with competitive price













Vibration Sensor

EMI filters



Specialized Power



PFC - Choke 3-Phase



CCT -Combined Current Transformer



Current Transformer



Solenoid



Rogowski Coil



Motor Coil



Flexible Rogowski Coil



LLC Transformer 3-phase



Power Inductors



Custom Power Magnetics



Isolation Transformers



Power Transformers

Specialized Power



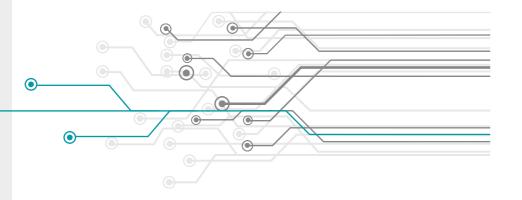
Common Chokes



Current Sense Magnetics



- PFC choke and LLC transformer for on board chargers up to 22kW
- CT, CCT and Rogowski coils for various measuring and billing applications such as smart grid and smart metering
- Motor coils for Hybrid cars, electric supercharger, linear motors for industrial and medical applications
- Solenoids for various automotive and industrial applications

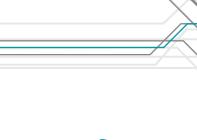






















Computing



- Specialized and custom power magnetics
- High power density and variable mechanical mounting
- Power bead inductors with high performance for Vcore power application
- IATF catalogue products



Wired Communications







Automotive Communication Magnetics (BMS & IVN)



Integrated Connector Modules (ICMs)



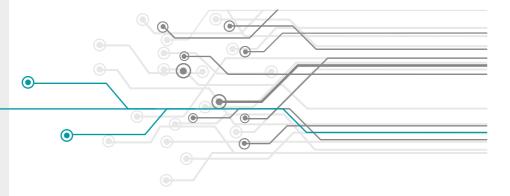
Connectors & Cages



Discrete Communications Magnetics WAN



- Research, design and manufacture magnetic products and connectors used in through-wire communication systems to filter, transmit and isolate communication signals
- World's #1 in LAN Discrete Magnetic products
- Technology and market leader in Integrated Connector Module Magnetic products (ICMs)
- Technology and Market leader in automotive magnetic products













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3D Antennas LDS/LAP/FluidANT



LTCC based BPF, LPF, Balun, Diplexer, Triplexer, Balanced BPF, and Coupler



Embedded Antennas Ceramic/Helical/FPC/Stamped



Outdoor Antennas

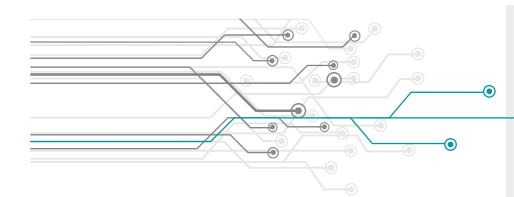
Vehicular Antennas







Cable & Mounting Solutions











YAGEO PULSE

Wireless Components

- Wide range of antenna options including flexible printed circuit board (FPC), PCB, direct mount, magnetic mount
- Frequency Bands from 13.56 MHz to 8500 MHz
- WiFi, Bluetooth, BLE, UWB, Zigbee, MiMo, GNSS, LEO, LTE, 5G FR1
- IoT, SmartGrid, meters, remote monitoring, sensor networks
- Customized solutions



Standard Power



EMI Filter









Ceramic Housed & SOT Housed Sensor Sensor Elements with Wires



Pt RTD Sensors

RF Signal Inductor

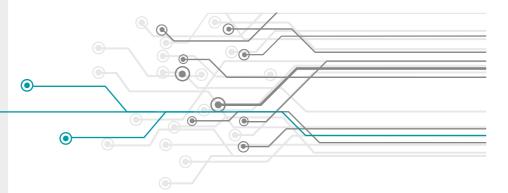
Molded Power Inductor

Wirewound Power Inductor

Sensor Assemblies



- No physical air gap and zero core gap loss
- High & soft saturation current, high power density
- High insulation resistance, high breakdown voltage
- Higher operating temp. and no thermal aging
- Cut off frequency up to 6 GHz (EMI filter)
- High impedance @ low frequency high frequency (EMI filter)





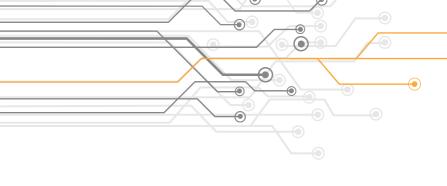














(solderable/ sinterable)











- Pt temperature sensor pioneer since 1906, decades of experience and expert knowledge
- Global leader for platinum thin film technology
- High long term stability
- Interchangeability
- Broad temperature operating range
- Fast response time
- Automotive qualified products available
- Sensors engineered to custom applications





SUPPLY CHAIN MANAGEMENT | WORLDWIDE

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