Heynen works for innovators

Electronic Components Linecard

Heynen works for innovators
Capacitors

**Multilayer Ceramic Capacitors**
- High Voltage, COG/NP0 & X7R, FlexiCap
- ProtectiCap™, StackiCap™
- Surge & Safety
- High Temperature
- Non-Magnetic

**Electrolytic Capacitors**
- Radial, Snap-in & Screw
- Low ESR, Low Leakage, Bipolar
- High Current, Long Life

**Film & Polymer Capacitors**
- SMD/THT Polymer
- DC link & Snapper Film Capacitors
- High Voltage, Fast Charging

**Batteries**
- Compact
- High Energy Density

**Special Multilayer Ceramic Capacitors & Capacitor Assemblies**
- High Voltage & High reliability Capacitors
- High CV (tantalum replacement)
- Capacitor Assemblies & Arrays

**Precision Trimmer Capacitors**
- High Voltage Trimmer Capacitors
- Multi-turn & Half-turn Solutions
- Non-Magnetic Trimmers, Coils & Diodes

**Microwave & Millimeter wave Ceramic Components**
- RF & Microwave Filters
- Broadband blocking Capacitors
- Custom thin film Products

**Integrated Passive Devices & Silicon Submounts**
- 3D Silicon Capacitors
- High Temperature

**EMI Filters**
- Surface & Panel mount EMI Filters
- X2Y Filters
- Power Filters
- Discoidal & Planar Arrays
- Custom Solutions

**High Temperature**
- Non-Magnetic
- Leaded Capacitors

**Microwave & Millimeter wave Ceramic Components**
- High-Q Multilayer Capacitors
- Single Layer Capacitors
- Special Ceramic Products

**Electrolytic Capacitors**
- Radial, Snap-in & Screw
- Low ESR, Low Leakage, Bipolar
- High Current, Long Life

**Film & Polymer Capacitors**
- SMD/THT Polymer
- DC link & Snapper Film Capacitors
- High Voltage, Fast Charging

**Batteries**
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**Film Capacitors**
- Motor Start & Running
- Power factor Correction
- Snubber, DC link & RFI Suppression
Inductors / Coils / Ferrites

**Inductors & Coils**
- Innovative custom Inductors
- KLL Chokes
- PFC Chokes
- SMPS Inductors

**Transformers, Inductors & Coils**
- Current Transformers
- Switching Transformers
- Linear Transformers

**Resistors**

**Precision SMD Resistors**
- High Power, Anti-sulfuration & Pulse Proof
- Trimmmable
- High Ohmic & Low Ohmic
- Non-Magnetic

**High Voltage & High Ohmic Precision Resistors**
- Thin Film & Thick Film Resistors
- High & Low Power
- SMD, THD & (mini) MELF

**Thin & Thick Film Resistors**
- Chip, Leaded & Networks
- Current Sense, Fusing & NTC/PTC
- Wire Wound, High Voltage

**Precision & Power Resistors**
- Solid metal & Composite metal Shunts
- Very low thermal EMF, tight Tolerances & long-term Stability
- Very Low Ohmic Resistance Values

**Resistance & thermoelectric Alloys**
- ISAOHM®
- MANGANIN®
- ZERANIN®

**Wire Wound & Current Sense Resistors**
- Silicone coated
- Ceramic encased
- Symmetry Resistors

**Ferrites**
- Industry standard Cores
- Custom Solutions

**Inductors**
- Air Core, Thin Film, Power, CM

**Transformers, Inductors & Coils**
- Common mode Chokes
- Current compensated Chokes
- Custom Solutions

**Integrated Passive Devices**
- Fuses & Varistors

**Advanced Precision Measurement Systems for High Current Applications**
- High Current & Voltage Measurement
- Real-time Signalling

**Fuse type Resistors**
- Automotive for RFI Reduction
- Custom Products

**Isabella Hütte**
- Industry standard Cores
- Custom Solutions
Nonlinear Resistors

Thermal Sensors
- NTC Thermistors, High Precision
- Temperature Sensors (application specific & non-contact)

Circuit Protectors
- Voltage & Current Suppressors
- Metal oxide Varistors
- Current regulative Diode

Over voltage Protection
- Varistors, High Energy
- Varicons

Capacitors
- RFI Suppression
- Safety

Polymeric PTCs
- Miniature, High Conductivity, Fast time-to-trip, Halogen-free

Thermal conductive Board
Thermal conductive Foil
Thermal conductive Paint

Sensors

Reed Switches, Reed Relays & Reed Sensors
- Reed Relays LV, HV, HF & Magnets
- Fluid Level & Pressure Sensors
- Custom Solutions
- Optocouplers

Magnetic Components
- Planar Transformers
- Current Sense
- Antennas & Coils

Temperature Sensor
- Wireless (passive) SAW Temperature Sensor
  - -20°C to 120°C
  - ±2°C Accuracy
  - Reading Distance up to 3m

Viscosity Sensor
- Measuring Viscosity & Temperature
  - No moving Parts
  - Compact Size

Frequency Control Products

Frequency Control & Hybrid Product Solutions
- OCXO/EMXO, TCXO, VCXO & VCSO
- Standard & Precision Crystals
- SAW, Crystal & LC Filters

- MEMS Solutions
- Frequency Translators
- Space & Hi-REL Oscillators
Electromechanical Components

**Light Guide Systems**
- Light Guides for Front Panels
- Flexible Light Guide Systems
- LED Light Guide Components (M-PIPE)
- Custom Solutions

**FEL- & Standard Elements**
- SMD LED Display Systems
- SMD Switches (permanently & momentary)

**Mechanical Components**
- Plastic / Metal Handles & Knobs
- Accessories

**Keypad Components**
- Pushbutton Caps
- 7-Segment Displays
- Signal Indicators
- SMD Pushbuttons

**Switches & Encoders**
- Rotary/Key lock/Code Switches
- Rotary Encoders

**Electronic Horns**
Trains & Trams

**Electro Magnets**
- Solenoid & Solenoid Valves
- Push-pull Magnets
- Intelligent aseptic Dosing System

**Contact Probes**
- ICT/FCT
- Short Travel/Double Plunger/Fine Pitch
- High Current/Kelvin/RF/Position Sensor

**Probe Cards**
- Multi DUT Testing
- μm Pitch
- Precise Alignment

**PCB Terminal Blocks**
- Screw, Spring Clamp & IDC Type Connectors
- Board-to-board Connectors & Pin headers
- RJ45, M12 & USB Connectors

**Cables & Wires**
- Patch Cords & Fibre optic Cables

**I/O Components**
- CAN-Bus, LON, M-Bus & Ethernet

**Connectors**
Heynen BV

Heynen BV - founded in 1951 by Mr. Leon Heljnen - has been established as an independent consulting firm for and distributor of professional electronics throughout the Benelux countries.

Today, our professional services are still essential to the solutions we market. We are active in the following areas:

- Electronic Components
- Power Conversion & KMT
- Network Monitoring & Analysis
- Professional Audio & Video
- GSM Supplies
- Heynen ServiceDesk

Value added Distributor of Electronic Components

You are involved in the design, manufacturing or sourcing of electronic components. You need the right components for your application delivered when you need them. Heynen works together with top class passive component manufacturers. Based on your specific needs, we supply technical advice including support to help you achieve your goals.

Our portfolio includes niche products like non-magnetic components, components with very tight tolerances and very stable oscillators as well as commodity lines. Committed as a partner with a strong technical background, Heynen understands your field of work. You will gain and sustain a competitive edge in the marketplace based on the latest innovations Heynen is able to offer you.

Most of our customers are innovative engineering and EMS companies in the field of:

- High-tech Systems
- Healthcare
- Renewable Energy
- Professional Equipment
- High Frequency
- Space/Defence

If you are looking for local design-in support and a dedicated logistical service, Heynen is able to fulfill your specific requirements. Our customers compliment us on our high reliability of supply and flexibilities such as forecasting, custom barcode labelling, etc.

To make sure that you can also rely on the extended role of Heynen as a value added distributor of electronic components in the future, Heynen keeps on investing strategically in high-end logistic solutions supported by the latest software and computer technology.