

heynen



Electronic components linecard

Heynen works for innovators

Electromechanical components



Light guide systems

- Flexible and rigid light guides
- Round, square and rectangular light guides
- Horizontal and vertical light guides
- Front panel light guides
- Customised lighting solutions

Mechanical components

- Plastic/metal handles & knobs

Keypad components

- SMD pushbuttons & caps
- 7-segment displays



Switches & encoders

- Rotary/key lockcode switches
- Rotary encoders

Electronic Horns

- Trains & trams

Electro magnets

- Solenoid & solenoid Valves
- Push-pull magnets
- Intelligent aseptic dosing system



Contact solutions for PCB test

- ICT-/FCT-probes
- Interface probes
- Radio frequency probes

Contact solutions for wire harness test

- Threaded-/push back probes
- Switch-/position test probes

Special contact solutions

- High current probes
- Kelvin measurement probes
- Fine pitch probes



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



Interconnect Solutions

- IO connector
- VITA backplane wiring
- Miniature coax connectors
- Shielding products

- Cable assemblies
- Custom connectors
- High-speed cable
- High-performance, ruggedized cables



For our extended range of High frequency products, please consult the High frequency products brochure.

Capacitors



Multilayer ceramic capacitors (MLCC)

- High voltage, COG/NPO & X7R
- StackiCap™, FlexiCap™
- AEC-Q200-, MIL-PRF-55681-, S02A-grade
- High temperature, non-magnetic, high Q
- Surge-protection & safety

EMI Filters

- Surface & panel mount EMI filters
- X2Y integrated passive components
- Power filters
- Discoidal & planar arrays
- Custom solutions

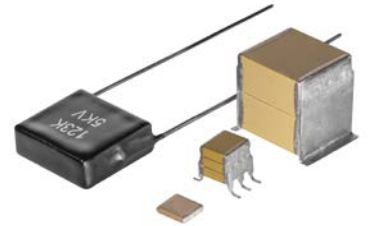


Special MLCC & capacitor assemblies

- High reliability capacitors, high voltage
- High temperature, non-magnetic
- High CV (tantalum replacement)
- Capacitor assemblies & arrays
- Custom capacitor assemblies
- Detonator & pulse energy

Leaded capacitors

- DSCC-approved capacitors
- Epoxy-coated, encapsulated

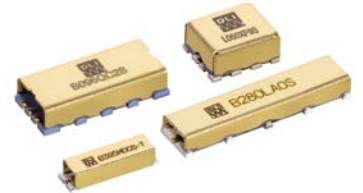


Specialty ceramic components

- High-Q multilayer capacitors
- Low ESR ceramic capacitors
- Single layer capacitors
- Broadband blocking capacitors
- Heatsinks, standoffs & submounts

Thin film devices

- RF & microwave filters
- Build-to-pPrint solutions
- Gain equalizers
- Power dividers & couplers
- Self-bias networks



Precision trimmer capacitors

- High voltage trimmer capacitors
- Multi-turn & half-turn solutions
- Miniature trimmer capacitors
- Non-magnetic trimmers, coils & diodes

- Air- & PTFE-trimmer capacitors
- Glass & quartz trimmers



Variable capacitors & inductors

- Non-magnetic trimmer capacitors
- Thin-Trim®, Cera-Trim®, Seal-Trim®
- Air trimmers
- Non-magnetic variable inductors

Microwave tuning elements

- Precision microwave tuning elements
- Dyna-Trim™ Dielectric resonator tuners
- Giga-Trim®

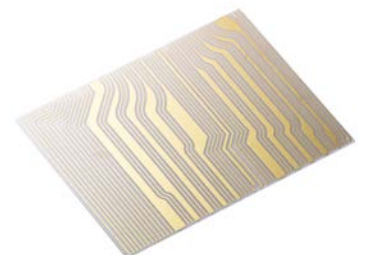


Single layer capacitors & substrates

- Edge-to-edge capacitors
- Margin capacitors
- Dual-Pad capacitors
- Row capacitors

Thin film devices

- Submounts
- Mounting shorts
- Build-to-print solutions
- High-power resistives



Capacitors (continuation)



Electrolytic & polymer capacitors

- SMD, radial, snap-in & screw
- Low ESR, low leakage
- High current, high rel and long life
- 85°C, 105°C, 125°C

Film capacitor

- DC link, AC, snubber, X/Y, module
- High voltage, highest reliability

Energy-C

- Energy storage solutions



Film capacitors

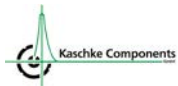
- Motor start & running
- Power factor correction
- Snubber, DC link & RFI suppression

Batteries

- Compact
- High energy density



Inductors, coils, ferrites



Inductors & coils

- Innovative custom inductors
- KLL chokes
- PFC chokes
- SMPS inductors

Ferrites

- Industry standard cores
- Custom solutions



Transformers, inductors & coils

- Current transformers
- Switching transformers
- Linear transformers

- Common mode chokes
- Current compensated chokes
- Custom solutions



Sensors



Reed switches, relays & sensors

- Reed relays LV, HV, HF & magnets
- Fluid level & pressure sensors
- Custom solutions
- Optocouplers

Magnetic components

- Planar transformers
- Current sense
- Antennas & coils



Sensors & assemblies

- NTC thermistors (high temperature, high precision, thin-film technology)
- Medical sensors
- Pressure sensors
- Position- / XYZ-sensors
- Custom assemblies

Circuit protectors

- Voltage- & current regulating diodes
- Metal oxide varistors

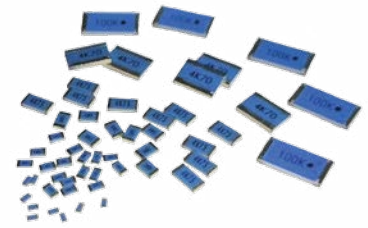


Resistors



Precision SMD resistors

- High power, anti-sulfuration & pulse proof
 - Trimmable
 - High ohmic & low ohmic
 - Non-magnetic
- Networks
 - Temperature Sensors
 - Heat Pipes & Jumpers
 - Matching Resistors



Precision & power resistors

- Solid metal & composite metal shunts
- Very low thermal EMF, tight tolerances & long-term stability
- Very low ohmic resistance values

Advanced precision measurement

- High current & voltage measurement
- Real-time signalling

Resistance & thermoelectric alloys

- ISAOHM®, MANGANIN®, ZERANIN®



Wire wound & current sense resistors

- Silicone coated
- Ceramic encased
- Symmetry resistors
- High power resistors

Fuse type resistors

- Automotive for RFI reduction
- Custom products



Special precision resistors

- High voltage & high ohmic resistors
 - Thin film & thick film resistors
 - High & low power
 - SMD, THD & (mini) MELF
- Networks & sensors
 - Custom solutions



Design-in support

Leading network of innovative brands

Reliability of supply

Customer integration

Heynen BV

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

The service we provide has always been essential to the solutions we market. We value this highly in the following areas:

- Electronic components
- Power conversion & KMT
- Network monitoring, security, visibility, testers & analysers
- Professional media solutions

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.

Industries

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
- Automotive

When you are looking for local design-in support and a dedicated logistical service, Heynen is able to fulfil 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.

heynen



company/heynen

heynen.com



HEYNEN BV • De Groote Heeze 11 • 6598 AV • Heijen • The Netherlands • Tel: +31 (0)485-550909

HEYNEN NV • Centrum-Zuid 3047 • 3530 Houthalen • Belgium • Tel: +32 (0)11-600909

HEYNEN GMBH • 29, Avenue Monterey • 2163 Luxembourg • Luxembourg • Tel: +352(0)26-910781