

Q-FLEX



Together, we build
the technology
of the future

2025

Table of contents

SERVICES

PRODUCTS:

Connectors & Cables.....	6
Tools.....	10
Thermal Management.....	10
EMC.....	11
Mechanics.....	12
Power Supplies, Transformers and Coils.....	13
Antennas.....	13
IoT / M2M Network Products.....	13
Q-Flex Products.....	14

CONTACT US

Why choose us?



Our values are based on cooperation and caring about our customers.



We are proud to be able to say that most of our team members have been with us for a decade already, and some since the founding of the company.

Quality and flexibility, from which we have derived our name, form the foundation of our business.

Mission and vision

Our mission is to use our expertise to facilitate your company's business and your experts' work and to provide added value with our flexible services. We are committed to solve even the most difficult designing challenges together with the well-known partners in the field.

Our vision is to provide better product designing solutions and factory customization to ensure the best possible end-product. We are here for you.

Ilkka Ilola, CEO

Q-Flex was founded in 1996 to provide customers with specific solutions and electromechanical products by well-known international partners.

**We serve our
customers all
over the world**

**Warehouse
in Finland**

**+ 200
Customers**

**ISO 9001:2015
ISO 14001:2015
ISO 45001:2018**



**We deliver components to
many industries such as:**

Telecommunication Industrial Military

FROM DETAIL
TO ENTIRETY

Design support for product optimization

Expertise and experience to support you

Optimized entity
Design solutions and consultation



**Your product
development
is seeking
solutions to
choose from**



Design support

Product
knowledge

Strong,
long-term
partnerships
with
manufacturers



Product samples

Product
development

Proto phase

Technical
documents



Optimized solution

- Reliable
supply
chain
- Product
lifecycle





Customer support

Continuous optimization
for making your everyday
life smoother



Start

We take care of everyday life

- Order management and schedulings
- Logistics services
- Buffering and storage service



Production - delivery - tracking

Service team at your service

- Solving challenges together
- Optimizing orders and deliveries
- Entire supply chain management

Amphenol

Connectors & Cables



INDUSTRIAL@AMPHENOL
TRUSTED GLOBALLY

- Audio Connectors
- A Series Connectors
- Signal|Mate® C091 - M16 Circular Connectors
- Eco|Mate® - Circular Connectors
- Heavy|Mate® - Heavy Duty Rectangular Connectors
- Motion|Grade™ - M23 And M40 Circular Connectors
- Radsok® High Power Connectors
- Solar Connectors
- Busbars
- High Voltage Cables
- Ev Charging Cables
- EV Connectors
- EV Charging Sockets
- Powerlok Connectors



Amphenol LTW
Innovation in Waterproof Solution

- D-Sub Connectors
- Circular Connectors
- M8, M10, M12 and M23 Sensor Connectors
- Usb Connectors
- Rj45 Jacks and Plugs
- Hdmi Connectors
- Power Connectors
- Nmea2000 Connectors
- Fiber Optic Connectors
- Cable Glands
- Waterproof Vents
- Led Solutions
- Flos Connectors
- X-Lok Connectors



Amphenol MILITARY & AEROSPACE

- Connectors
- RF Interconnects
- High Speed & Fiber Optics
- Junction Modules / Relay Sockets / Terminal Blocks
- Cabling and Cable Harnesses
- Printed Circuit Board / Flex / Rigid Flex
- Media Converters & Ethernet Switches
- Complex Systems and Assemblies

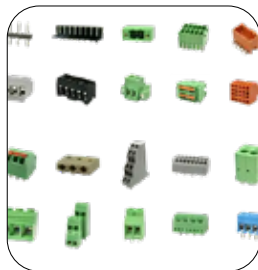


Amphenol® RF

- RF Connectors
- RF Adapters
- RF Cable Assemblies
- RF Terminators
- RF Attenuators



Amphenol
Alden



Amphenol
ANYTEK



CONEC
TECHNOLOGY IN CONNECTORS™



ENTERTAINMENT@AMPHENOL
TRUSTED GLOBALLY



Amphenol
GEC TH



INDUSTRIAL@AMPHENOL
TRUSTED GLOBALLY



Amphenol®
Mobile Consumer Products



Amphenol Sincere



Amphenol
SOCAPEX



Connectors & Cables



High-Speed Board-to-Board

- High-Density Arrays
- High-Speed Dual Row Strips
- High-Speed Edge Cards
- Ultra Micro Interconnects
- Backplane Connectors



High-Speed Cable

- Flyover® Next-Gen Systems
- High-Speed Assemblies



Rugged / Power

- Ultra Rugged Solutions & Hardware
- Power Systems
- Rugged I/O Systems
- Rugged Board-to-Board Systems
- Rugged High-Speed Systems
- Discrete Wire Cable Assemblies



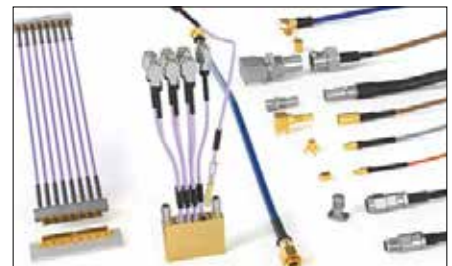
Flexible Stacking

- Standard Profile
- Low Profile Vertical
- Elevated Profile Vertical
- Perpendicular Right-Angle
- Coplanar Right-Angle
- Self-Nesting
- Pass-Through
- Bottom-Entry
- IDC Cable Systems



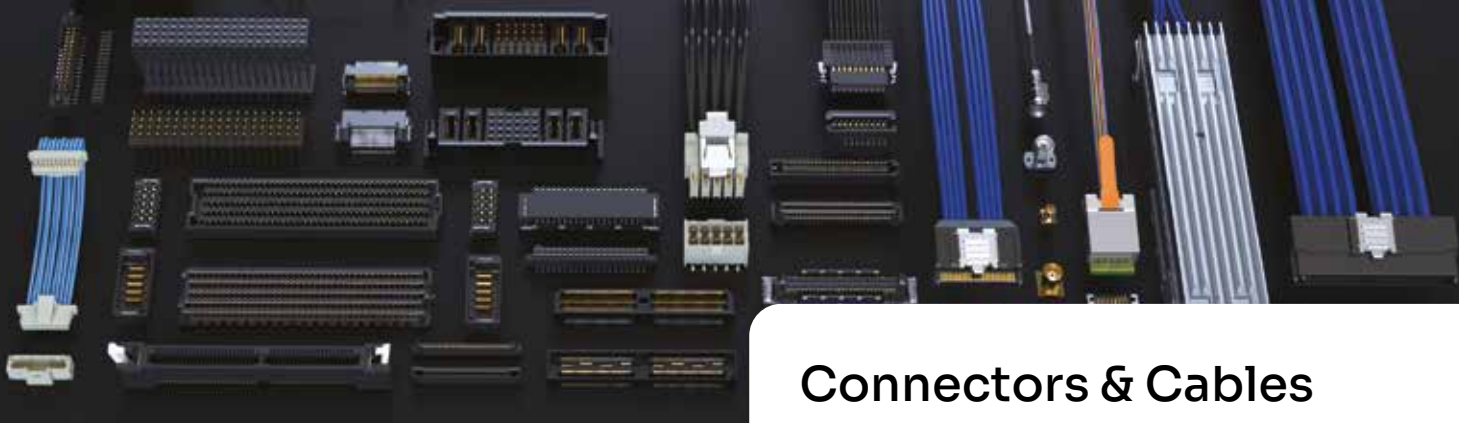
Optics

- FireFly™ Optical Transceivers
- Halo® Next Gen Mid-Board Optical Transceivers
- Passive Optical Systems



RF

- RF Cable Assemblies
- RF Connectors
- RF Original Solutions



Connectors & Cables



- Screw & Spring Terminal Blocks
- Din Rail Products
- Circular Connectors & Cables
- Metal Parts
- EV Charging Products
- Energy Storage Connectors & Cables
- Customer Specific Products



- Spring Probes & Test Contacts
- High Current Contacts
- FINN Sensors
- Contact Cleaning Products



- Floating Connectors
- FFC / FPC Connectors
- Compression Connectors
- Automotive Connectors



- I/O Connectors
- USB, RJ-45, HDMI, D-SUB, Audio, DC Jack, Mini Din
- Customer Specific products
- I/O Cables



- Board-to-Board & Wire to Board Products
- FFC / FPC
- In- / Outlets
- I/O Connectors
- Customer Specific Products



- Board-to-Board Connectors
- Wire-to-Board Connectors
- I/O Connectors
- Micro-Match Connectors
- Card Edge Connectors
- Customer Specific Products
- Wire Harnesses

Tools

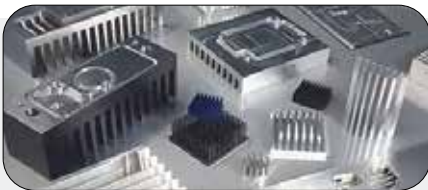
WEZAG®



- Stripping Machines Pneumatic
- Crimping Machines Electric, Pneumatic and Hydraulic
- Hand Crimping Tools Digital, Linear, Indent, Scissor-Action
- Hand Stripping Tools
- Hand Cutting Tools
- Extraction Tool
- Adapters for Crimping Dies
- Crimping Dies (Like For Amphenol PowerLoks etc.)

Thermal Management

ALUTRONIC
SOLUTIONS FOR COOL RESULTS



- Extruded Heat Sinks
- Pin Heat Sinks
- Heat Sinks for PCB Mounting
- Heat Sink Casings
- Aluminium Oxide Products
- Cooling Systems with Forced Convection
- Mounting Hardware
- Full Machining & Finishing capabilities

KERAFOL®



- Heat Conductive Films
- Softtherm Gap Pads
- Gap Filler Liquids
- Thermal Greases
- Phase Change Matgerials
- Graphites
- Injection Molding Granulates
- Cut to Drawing

Laird™
A DuPont Business



- Thermally Conductive Insulators
- Gap Fillers
- Liquid Gap Fillers
- Thermal Greases
- Phase Change materials
- Tapes and Adhesives
- Tlam Thermally Conductive PCB System

Laird™ THERMAL SYSTEMS



- Thermoelectric Cooler Modules
- Thermoelectric Cooler Assemblies
- Temperature Controllers
- Liquid Cooling Systems
- Custom Cooling Solutions

Q-FLEX



- Heat sinks with Custom Profiles, Machining and Finishes

SOTOP

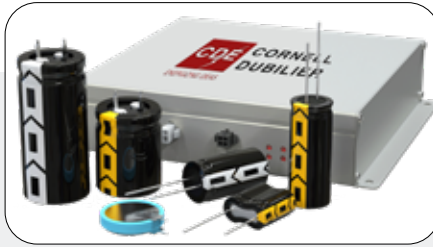


- AC Fans
- DC Fans
- EC Fans (Electronically Controlled)
- Plastic/Metal Versions
- Heater Solutions

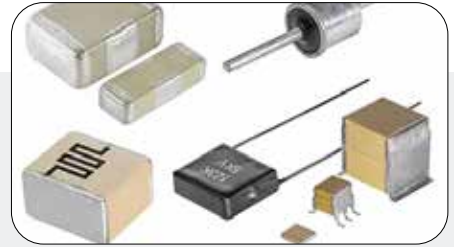
EMC



- SMD Fuses
- Automotive SMD Fuses
- ESD Protection



- Aluminum Electrolytic Capacitors
- Aluminum Polymer Capacitors
- Film, Paper-Film Capacitors
- Mica Capacitors
- Rechargeable Batteries
- Supercapacitors
- Ceramic Capacitors



- SMD Multilayer Ceramic Capacitors
- Safety Capacitors
- High-Q / -Reliability / -Temperature Capacitors
- MIL & Aerospace Certified Ceramic products



- Shielding Gaskets
- Fabric-over-Foam Gaskets
- Cushion Gaskets
- Conductive Fabrics & Tapes
- Conductive Silicone
- Electromagnetic Wave Absorber
- Customer Specific Dimensions



- Fingerstock Metal Gaskets
- Fabric-over-Foam
- Conductive Foam Gaskets and Elastomers
- Conductive Tapes and Adhesives
- Microwave Absorbers
- Ferrite Sheets, Cores, Chip Beads
- Common Mode Chokes, Inductors
- Board Level Shields



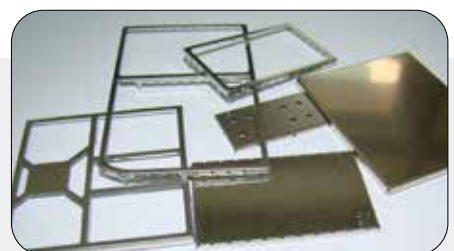
- Knitted Mesh Gaskets
- Conductive Fabric Gaskets
- Finger Strips
- Conductive Silicone
- Honeycomb Ventilation Panels
- Environmental Gaskets



- EMI / RFI Shielding windows with EmiClare MicroMesh
- EmiClare ITO Glass
- Screen Protector Films, Anti-Glare, Anti-Reflection



- Line chokes
- Ferrite components
- Coils



- Grounding Contacts
- Board Level Shields
- Standard & Custom Dimensions

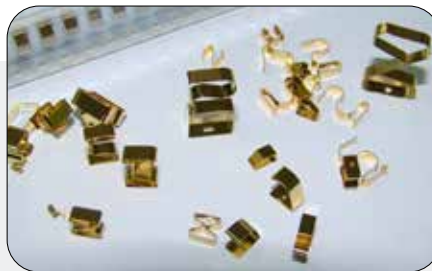
Mechanics

BIVAR



- LED Light Pipes and assemblies
- Flexible Light Pipes
- Panel Mount Indicators
- SMD and thru hole LEDs

Q-FLEX



- Smt Spacers
- Contact and Grounding Springs
- Emi Shielding Cases
- Heatsinks
- Busbars
- Cnc-, Mim-, Die Cast Metal Parts
- Sheet Metal Parts

Salecom



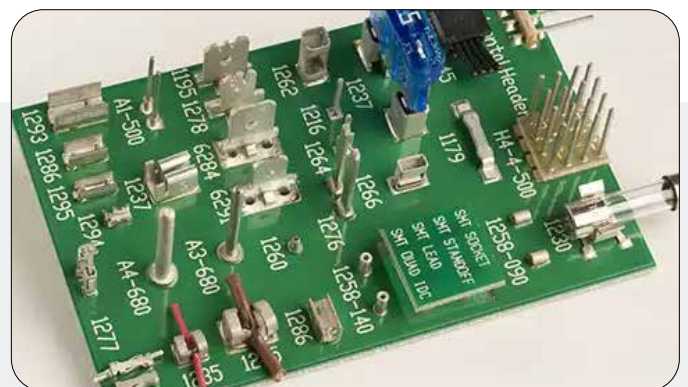
- Switches including Toggle, Rocker, Pushbutton, Slide, Tact, Key, Dip & Micro

THORA
elektronik



- Plastic/Metal Spacers for Pcb
- Plastic/Metal Distance Bolts
- Plastic Rivets
- Mounting Hardware
- Connector Caps
- Power Elements / Terminals

ZIERICK
SINCE 1919



- Metal Contacts & Stamped Hardware
- Terminals / Receptacles
- Fuse Holders

Power Supplies, Transformers and Coils



- Transformer Terminal Blocks
- Din-Rail Power Supplies



- Transformers 50/60 Hz & High Freq
- Converters
- Line Chokes
- Ferrite Components
- Coils



- DC/DC, AC/DC Converters
- Din-Rail Power Supplies

Antennas



- Cellular Antennas 3g, 4g/ Lte and 5g
- Wifi Antennas
- Bluetooth Antennas
- Gnss and Gps Antennas
- Rfid Antennas

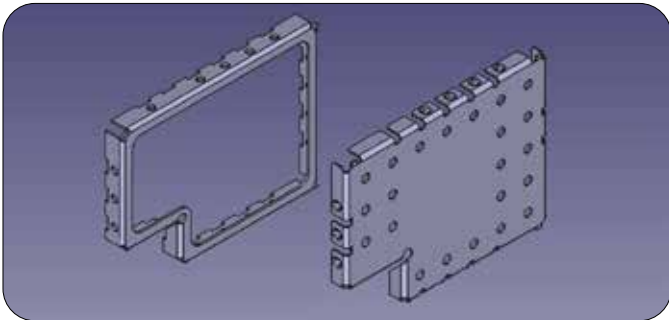
IoT / M2M Network Products



- Modems
- Gateways
- Routers
- Switches
- IoT Platforms



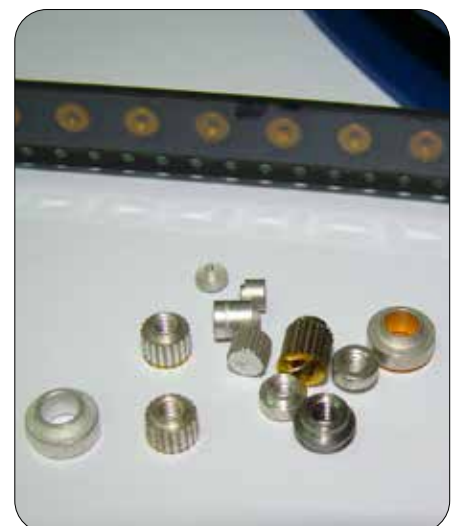
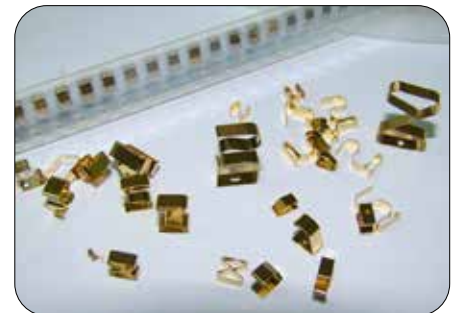
Q-Flex Products



Q-FLEX

Q-Flex Standard and Custom Products - Finland

- Smt Spacers
- Contact and Grounding Springs
- EMI Shielding Cases
- Heatsinks
- Busbars
- Cnc-, Mim-, Die Cast Metal Parts
- Sheet Metal Parts
- Injection Moulding Parts



The Q-Flex Family –

Our values are based on cooperation and caring about our customers.

Technical sales



Elias Länsiö

Account Manager
Application Engineer

☎ +358 40 5422 508
✉ elias.lansio@q-flex.fi



Juha Hautala

Account Manager
Application Engineer

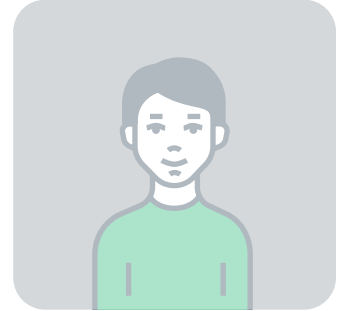
☎ +358 50 4804 326
✉ juha.hautala@q-flex.fi



Ismo Tikkanen

Account Manager
Application Engineer

☎ +358 44 5858 374
✉ ismo.tikkanen@q-flex.fi



Jouni Helttula

Account Manager
Application Engineer

☎ +358 45 7885 1408
✉ jouni.helttula@q-flex.fi

Customer support



Virpi Haanperä

Customer Support
Specialist

☎ +358 46 8757 557
✉ virpi.haanpera@q-flex.fi



Elli Eerola

Customer Support
Specialist

☎ +358 2 4894 500
✉ elli.eerola@q-flex.fi



Elna Rantanen

Purchasing and Sales
Assistant

☎ +358 2 4894 500
✉ elina.rantanen@q-flex.fi



Merja Hokkanen

Customer Support
Specialist

☎ +358 2 4894 500
✉ merja.hokkanen@q-flex.fi



Tonja Grönholm

Office Manager

☎ +358 46 8757 555
✉ tonja.gronholm@q-flex.fi

Warehouse

☎ +358 46 8757 554
✉ varasto@q-flex.fi



Rune Österberg

Warehouse



Robert Rai

Warehouse

With our experience, better solutions

1.

Looking for
a solution to
your product
development
challenges?

2.

Let's solve it
together.

3.

An optimized
solution for
your product.

Our expertise,
experience
and network of
partners at your
service.

4.

Let's build
success
together.



Q-FLEX

30 years of
experience in the
electromechanical
field

28
partners

35 %
in exports



q-flex.fi

**Avantintie 7
21420 LIETO**

**+358 2 4894 500
info@q-flex.fi**

Quality + Flexibility = Q-Flex

We are an importer of electronic components and we support companies in the electronics, automation and electrical industries all over the world.

We are committed to customer satisfaction by providing high-quality components and services. Our team is ready to answer your questions and help you find the component solutions you need.