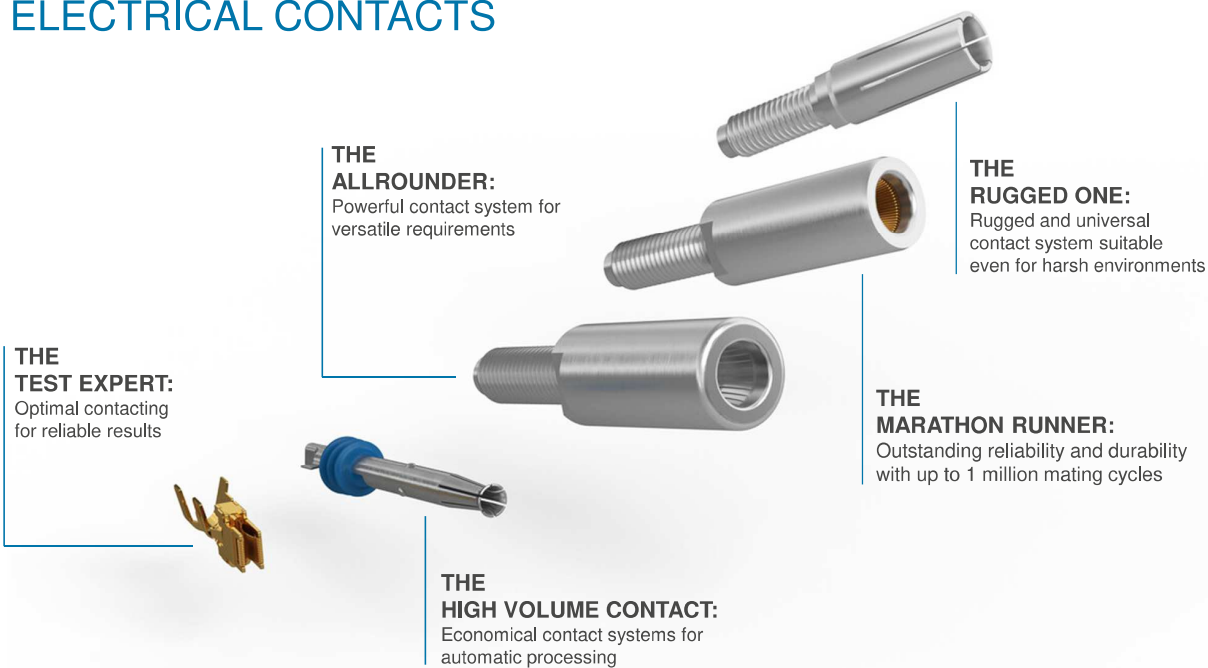

ELECTRICAL CONTACTS

THE CONTACT MAKES THE DIFFERENCE.



ELECTRICAL CONTACTS



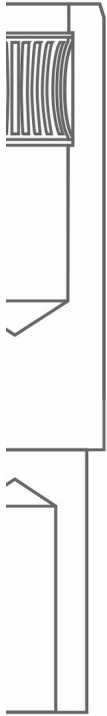
THE TEST EXPERT:
Optimal contacting for reliable results

THE ALLROUNDER:
Powerful contact system for versatile requirements

THE RUGGED ONE:
Rugged and universal contact system suitable even for harsh environments

THE MARATHON RUNNER:
Outstanding reliability and durability with up to 1 million mating cycles

THE HIGH VOLUME CONTACT:
Economical contact systems for automatic processing



ODU LAMTAC®

- Highest current-carrying capacity
- Temperature range -40°C up to +150°C (more on request)
- Mating cycles up to 10,000
- High vibration resistance

Flexible designs
for versatile requirements

Double contacting
W-lamella for optimal
current transmission





ODU TURNTAC®

- Rugged contact design even for harsh environments
- Wide range of contact sizes available
- Mating possible at an angle of up to 5°
- Mating cycles up to 10,000

Ideal position
of the contact point

Universally applicable especially
for high contact-density





ODU SPRINGTAC®

- Highest number of contact points (contact $\text{Ø}0.76 = 15$ contact points)
- Mating cycles up to 100,000 (more on request)
- Contact diameters from 0.76 up to 60 mm
- Temperature range -40°C up to $+125^{\circ}\text{C}$

Proven long-term stable
transmission properties

Outstanding reliability and
contact security



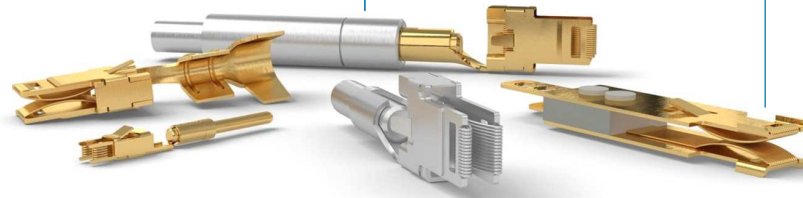


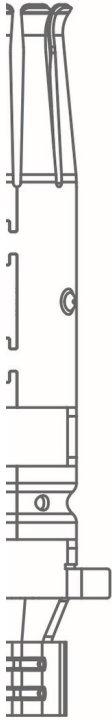
ODU SPRINGTAC® FLATSOCKET

- Mating compatible to standard sizes (□ 0.64 / 1.6 / 2.8 / 4.8 / 6.3)
- Low and stable contact resistance
- Mating cycles up to 50,000 (endless with ODU QCH)
- High current-carrying capacity up to 27 Amps.

ODU quick change head QCH
for endless mating cycles

“Kelvin”-types for
accurate results





ODU STAMPTAC®

- Collaborative product and process development
- Comprehensive service from the idea to series
- In-house tool shop for high-quality and long-living tools
- Cutting-edge plating processes

Cost-efficient solutions
for high volume production

Complete assemblies
from a single source



MARKETS & APPLICATIONS

ODU offers a wide range of industry and customer-specific solutions as a system supplier.

MEDICAL



TEST & MEASUREMENT



MILITARY



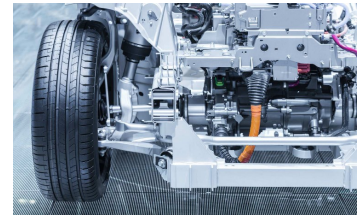
INDUSTRY



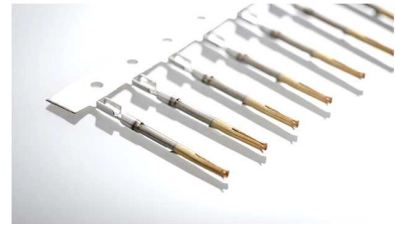
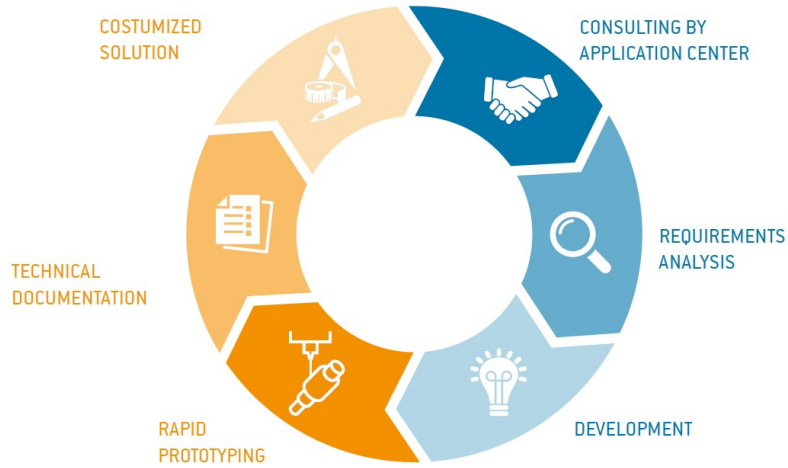
ENERGY



E-MOBILITY

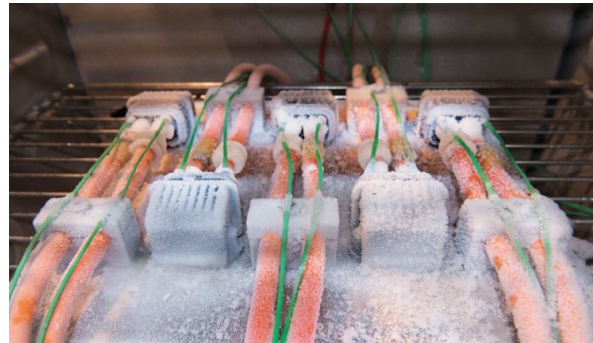
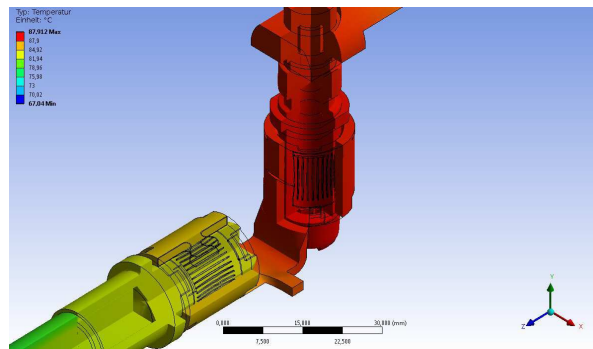


CUSTOMIZED SOLUTIONS



COMPREHENSIVE DEVELOPMENT

- Design and development
- FEM analysis
- In-house Technology Test Center T²C
- Electrical testing
- Mechanical testing
- Environmental testing
- Material selection and testing



EVERYTHING UNDER ONE ROOF

- Tool and special machine construction
- Injection
- Stamping
- Turning
- Surface technology
- Assembly
- Cable assembly
- Rapid Prototyping



CABLE ASSEMBLY

From the contact, cable and cable overmolding all the way to the finished product – ODU produces the complete system in-house.

- One contact person for the complete system
- Long-standing experience in cable assembly
- Cutting-edge production equipment at all ODU production sites



CERTIFICATES & APPROVALS

- ISO 9001
- ISO 50001
- IATF 16949
- Wide range of UL, CSA, VG and VDE approvals
- ISO 13485
- UL Wiring Harnesses certified
- ISO 14001



THANK YOU VERY MUCH FOR YOUR ATTENTION

Find out more at :
www.odu-connectors.com/electrical-contacts

