



# Interconnect

---

connectors, test points, terminals

# Interconnect

Oxley is an established provider of high quality electronic components. A leading specialist in the design and manufacture of Interconnect solutions, Oxley produces a diverse range of surface mount and through hole products such as test points, insulated terminals and printed circuit connectors.

We manufacture standard off the shelf parts (available from stock or distribution), bespoke customer solutions and offer our sub-contract services for the provision of customer turned parts.

With over 70 years' experience, our dedicated in-house capabilities incorporate CNC sliding head lathes and metal plating facilities for the application of metal alloys and specialist surface finishes. We offer our interconnect products in many different

finishes including gold, silver, tin, tin-lead, palladium and chromate.

Oxley operates stringent Quality Assurance and test procedures to ensure all products supplied meet the highest quality standards. Oxley standards have been recognised to ISO 9001:2015, ISO 14001:2015 and EN 9100 Rev D

Benefits of the Oxley Interconnect Range

- Quality and reliability
- Ease of assembly
- Reduced production costs
- Supplied in tape and reel
- Customised parts available
- Supplied from stock



## SMOX Series

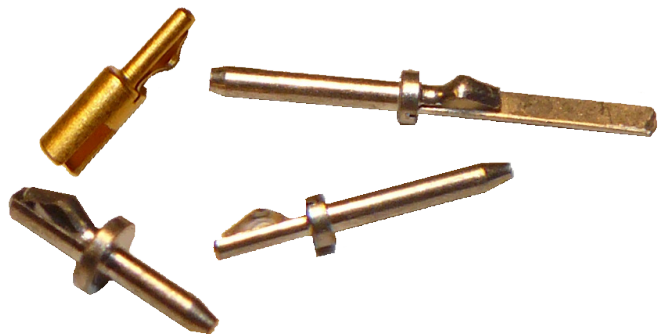
### Surface Mount Test Points

- Hand or automatic assembly
- Low contact resistance through 8 points of contact
- Pick and place compatibility
- -55°C to 125°C
- Available loose or tape and reel
- Chamfer design

## Kinky Pin Series

### Connectors

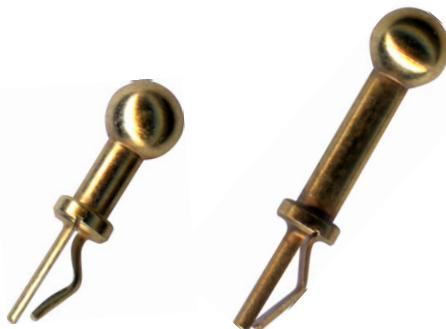
- Plated through hole applications
- Unique kinked retention mechanism
- Low insertion force
- -55°C to 125°C
- Available in different diameters
- Hand or semi-automatic machine insertion



## Snaplox Kinky Pin Series

### Printed Circuit Test Point

- Suitable for chassis, PCB and ceramic hybrids
- Kinematic design allows rapid connection/disconnection
- High retention force with socket (angles less than 30°) and 8 point contact ensures low contact resistance
- -55°C to 125°C
- Available in different diameters
- Hand or semi-automatic machine insertion



## Snale Series

### Printed Circuit Connectors

- Self retaining interference fit
- High retention and rigidity
- Serrated outline prevents rotation
- Low insertion force
- 1.02mm and 1.27mm diameter holes



## Snale Snaplox Series

- Various lengths
- Unique retention mechanism
- Single and double sided PCBs
- Low insertion force
- -55°C to 125°C
- Bespoke designs available

## Barb Cone Lock Series

### PTFE Insulated Terminals

- Self retaining
- High insulation resistance
- Low capacitance
- Rapid assembly
- Pressure sealing
- Economical assembly



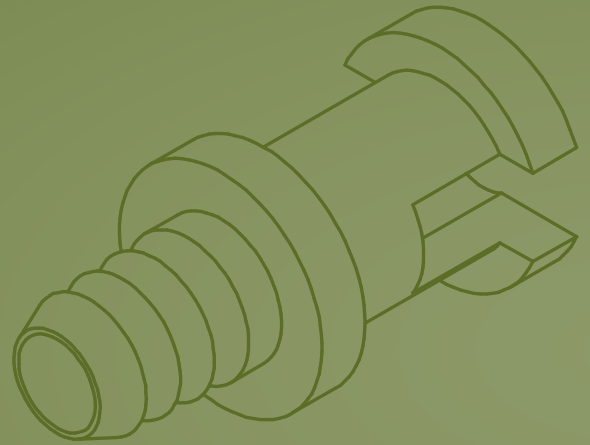
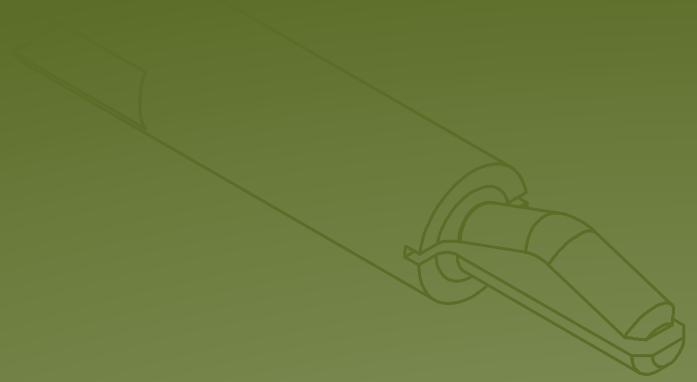
## Barb Cone Lock Series

### Plug & Sockets

- High reliability
- Low contact resistance
- Stackable
- High insulation resistance
- PCB edge mounted variants available for card rack systems
- Economical assembly

## Finishes available

Silver • Palladium • Nickel Gold • Pure Gold • Tin Lead • Pure Tin • Electroless Nickel • SurTec 650



### **Oxley Group UK**

Priority Park Ulverston Cumbria LA12 9QG United Kingdom  
t: +44 (0) 1229 582621 f: +44 (0) 1229 581851  
sales@oxleygroup.com

### **Oxley Group USA**

31 Business Park Drive Branford CT 06405 USA  
t: +1 (203) 488 1033 f: +1 (203) 481 6971  
info@oxleygroup.com

ISO 9001:2015

ISO 14001:2015

EN 9100 Rev D