

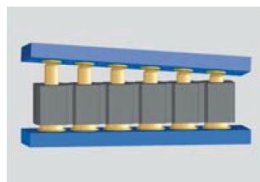
# CLIP TECHNOLOGY IN SPRING LOADED CONTACTS



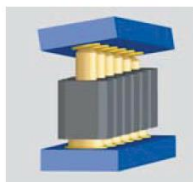
preci-dip

## A FLEXIBLE SOLUTION FOR YOUR CONNECTIONS

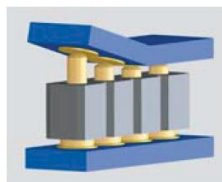
Spring Loaded Contacts facilitate blind mating requirements, are more tolerant to misaligned and non-coplanar mating conditions and are capable of achieving up to one million mating cycles.



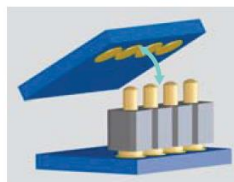
Accepts important positioning tolerances of the connectors



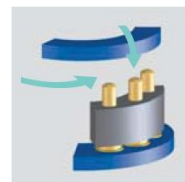
Connects surfaces non-perpendicular to



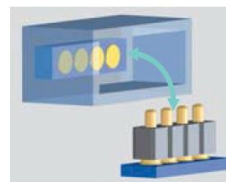
Compensates errors of parallelism and flatness



Connects pivoting or rotating elements



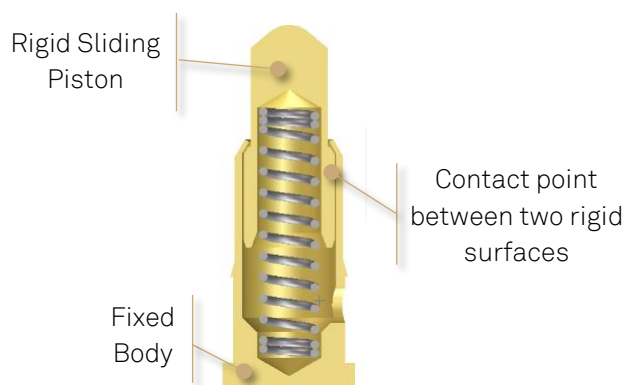
Connects with sliding mating action (push & lock)



Suitable for blind mating

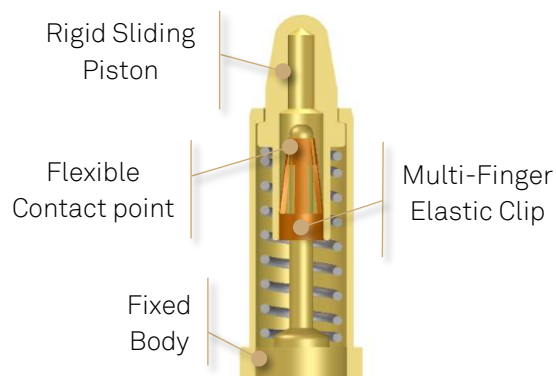
## COMPARISON OF TWO MAIN TECHNOLOGIES IN SPRING-PINS

### Spring Loaded Contacts With Standard Hollow design



A rigid contact point will disconnect under shock and vibration conditions. This solution is only suitable in static-mode and low current applications.

### Spring Loaded Contacts With PRECI-DIP Integrated CLIP

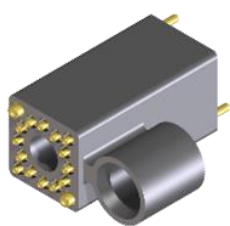


An integrated Multi-Finger elastic clip establishes a reliable and efficient multi point connection between body and piston. Flexible contact is compliant to shock and vibration up to 2000Hz or more, and capable to handle currents up to 20A.

## MANY APPLICATIONS OF PRECI-DIP PATENTED CLIP TECHNOLOGY



Docking station for control panels in aircraft.  
First mate/ Last break



Interposer for military MANPACK RADIO  
1,27mm pitch



8 ways connector for respiratory devices



Blind mating plug for industrial machinery  
6 signal 1A + power 20A

# PRECI-DIP

## Connection Technology

Custom design is our main strength, and your advantage when your ideas need a development partner. Vast experience with countless standard products and more than 20,000 references. Everything under one roof worldwide: We master all key processes in-house, from raw materials to finished goods.

As a global company we comply with internationally recognized certifications, including ML-STD-790, ISO 9001, Aviasecure Cert, IATF 16949, ISO 14001, EN AS JIQS 9100, UL (E174442), Renewable Energy Certification and the Certificate Act-Energy Efficiency and Climate Protection, just to name a few.

## Connected to Our End of the World.

PRECI-DIP is represented by dealers in 111 countries around the world. Contact us for detailed information.



**preci-dip**

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