90210-AS

SOLDERTAIL SPRING LOADED CONTACT

Visit us at WWW.PRECI-DIP.COM

Temperature rise [°C]



-Temp. rise

WWW.DIGIKEY.COM



Engineered for Success Assembly: Soldertail

Overall Length:

21.25mm (.837")

16.85mm (.663")

Stroke: 1.4mm (.055")

Above Board Height:

ORDER AS:

90210-AS



PRODUCT DESCRIPTION:

Preci-Dip Spring Loaded contact soldertail termination for wave or hand soldering. Every Preci-Dip spring contact is Swiss precision machined and assembled for highest quality, performance and long product life.

PRODUCT PACKAGING:

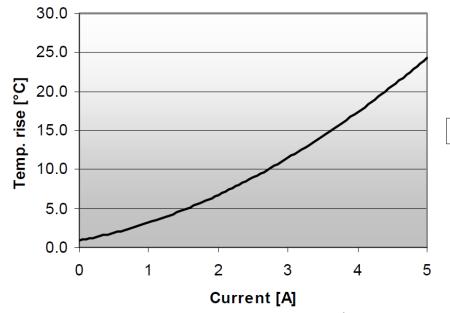
This product is sold in bulk but is also available but can be provided assembled in an insulator. Let us help you with your custom packaging request.

HOW TO USE THIS PRODUCT:

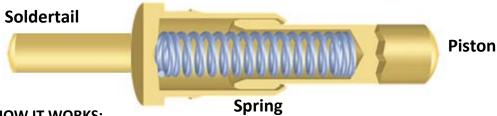
This product is ideal for PCB applications on 2.54mm (.100") grid. With solid one-piece body construction, These spring loaded contacts are typically used in docking stations, recharging stations, module stacking and pluggable SLC requirements.

CAN I CUSTOMIZE THIS PRODUCT?

Preci-Dip welcomes custom design requests. Please provide us your spring force and packaging requirements. Call today to discuss your application.



Current: 3A continuous @ 10 ° C rise



HOW IT WORKS:

Strong, secure and featuring one piece solid body construction, there are no capped components at the bottom of this spring contact. No seams for solder to wick inside the shell.



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SPECIFICATIONS:

MATERIAL:

Piston: Brass Alloy, plated 0.25um (10μ ") Gold Barrel: Brass Alloy, plated 0,25um (10μ ") Gold

Spring: Music Wire plated Gold Flash

ELECTRICAL:

Current: 3A continuous @ @ 10 ° C rise. 5A Peak.

Rated Voltage: 100Vrms 150Vdc Contact Resistance: $20m\Omega$ max..

ENVIRONMENTAL

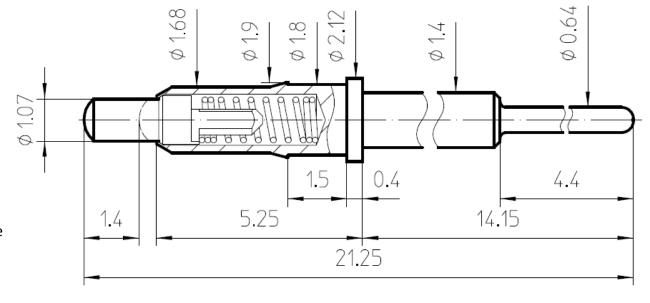
Operating Temperature: -55 to 125° C Passed Vibration Test Sinusoidal per

IEC 512.6d / IEC 68-2-6

Passed Shock Test per IEC 512.6d / IEC 68-2-27 No electrical discontinuity greater than 1μ s.

SPRING CONTACT FEATURES:

- * Swiss Experience
- * Swiss Quality
- * Swiss precision machined components
- * Seamless shell construction
- * Press-fit barb on barrel for packaging
- * Gold plating for corrosion resistance.
- * Smooth piston travel
- * High quality, smooth surface finish on tip of piston.
- * Strong and durable construction
- * RoHs



MECHANICAL

Durability: Minimum 40,000 cycles.

Stroke: 1.4mm (.055")

Working Travel: 16.85-15.5mm

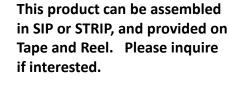
(.663-.610")

Force: Initial .25N

Half-Stroke .85N

HOW TO CUSTOMIZE A SPRING CONTACT Specify:

- 1. Stacking distance between boards
- 2. Desired piston stroke
- 3. Desired spring force
- 4. Desired current rating.
- 5. Termination style SMT, Solder tail, Wire
- 6. Desired Cycle life







preci-dip