

PRODUCT DESCRIPTION

The RCS pin is a high performance, compliant contact to server applications that require reliable electrical and mechanical interconnect at a program enabling cost.

The RCS-Pin is a stamped contact with probe pin performance providing a robust contact solution for burn-in, programming, and test applications.

The RCS-Pin supports applications between 1.00 mm and 0.50 mm pitch, compression mount & through-hole designs, and connector or stand-alone solution.



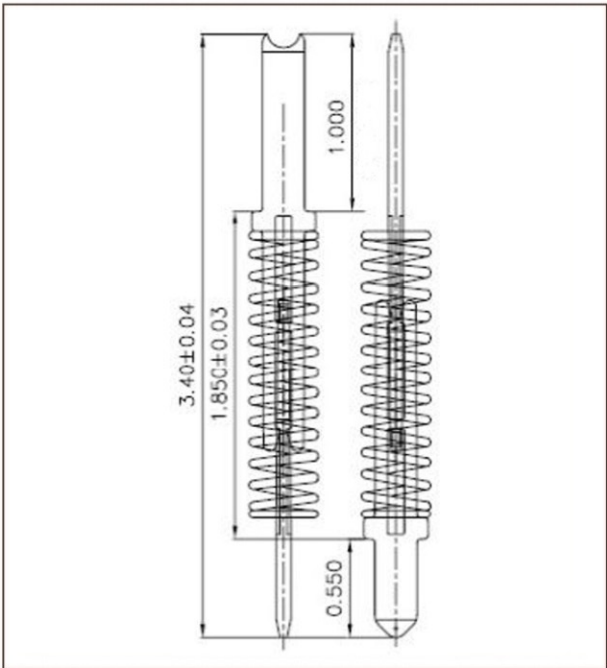
MECHANICAL PROPERTIES

- . Pitch: 0.50mm (min)
- . Working Travel: 0.43mm
- . Contact Force (0.43mm) 31.7gf or 24.3gf
- . Full Length: 2.95mm
- . Compressed Length: 2.52mm
- . Operating Temperature: -55°C to +180 °C
- . Mechanical Life: 125,000 cycles

DESIGN OPTIONS

- . Tip Styles U-notch
- . Mounting: Compression or Through-hole

CONTACT TECHNOLOGY



ELECTRICAL PROPERTIES

- . Contact Resistance: <35mΩ
- . Current Rating (free air): 2.9 amp
- . Self Inductance: 0.88 nH
- . Capacitance: 0.097pF
- . Bandwidth @ -1dB 15.7 GHz

MATERIALS

- . Stamped Contact: BeCu, Au Plate
- . Spring SS, Au Plate

