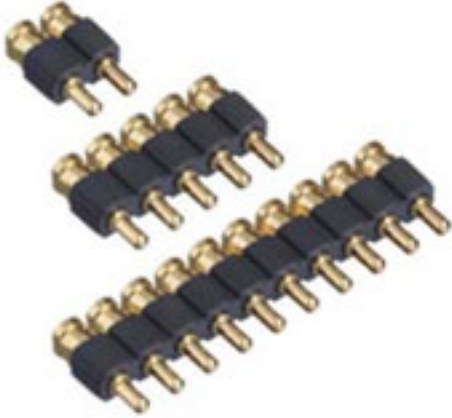


Horizontal SMT Spring-loaded Connectors



Mill-Max introduces the 810 series Horizontal SMT Spring-loaded Connectors. The 810 series connectors are well suited for low profile spring interconnections parallel to the board surface. Applications include recharging modules, grounding points, test points and board edge-to-edge interfaces, typically to our mating target connectors. Utilizing the company's state-of-the-art, high quality precision-machining technology, these durable spring pins are designed to assure a 1 million cycle life minimum. Rated at 2A continuous (3A peak), the pins are plated 20 μ " gold over nickel on the piston and base, with 10 μ " gold over nickel plating on the beryllium copper internal spring. The .045" (1.14mm) mid-stroke allows for .025" (.64mm) more travel than most standard-series spring pins, yet the overall length when compressed to mid-stroke is a compact .252" (6.4mm.) Also, the pins are mounted on .100" (2.54mm) pitch in high-temperature thermoplastic insulators—suitable for all typical reflow soldering processes. These highly reliable horizontal surface mount spring pin connectors are available in up to 10 positions.

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<http://www.wirelessdesignmag.com/product-releases/2010/05/horizontal-smt-spring-loaded-connectors>