

## Rugged Spring Pins Carry Nine Amps Continuous Current



Mill-Max now offers a series of rugged spring pins capable of carrying nine amps continuous current at a low 10°C temperature rise. The Mill-Max 0850, 0851, 0852, and 0853 spring pins are the perfect solution for rugged applications and for use in circuits operating at currents above signal level.

The 085X series is characterized by a greater mass and surface area that provides a lower resistance electrical path than miniature spring pins. Because they are designed and built with the same precision of the company's miniature spring pins, they exhibit excellent signal integrity in shock and vibration environments.

These large scale spring pins feature a gold plated stainless steel spring, 0.05 in. diameter solid plunger, and thick wall construction to withstand the rigors of demanding applications. Designed for through-hole mounting, each pin has a large diameter post and flange providing for a perpendicular and secure PCB attachment.

The 085X series provides a generous 0.045 in. mid-stroke and 0.09 in. maximum stroke, allowing for use in applications where stack up tolerances are great.

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