

SERIES 89 NANOMINIATURE Rectangular and Circular Connectors



High-Temperature Upgrade Modification Code

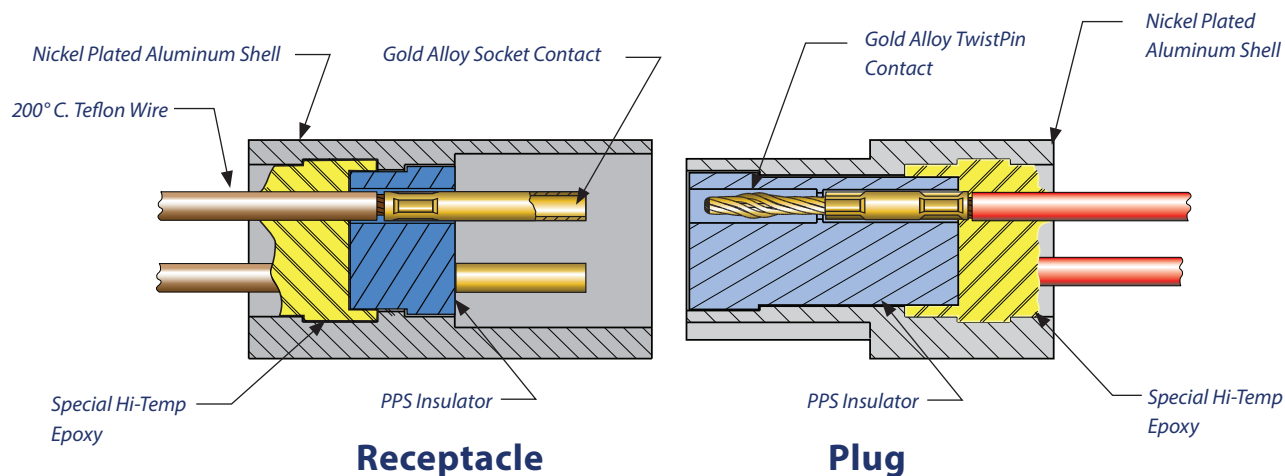
INTRODUCTION



Upgrade to 200° Celsius with Mod Code 534 High-Temperature Epoxy

The search for oil and gas has led to deeper reservoirs where extreme temperatures and pressures test the limits of electronics design. Oil well logging instruments must be able to withstand temperatures beyond the limits of standard connectors.

Nano connectors are made from temperature-resistant materials. The polyphenylene Sulfide (PPS) glass-filled thermoplastic insulators easily withstand 200° C. The TwistPin contacts and aluminum shells also are rated for continuous exposure to 200° C. The epoxy potting compound is the only component not rated for high-temperature. Mod Code 534 upgrades the standard epoxy with a special 315° C. epoxy.



HOW TO ORDER NANO CONNECTORS WITH MOD CODE 534 HI TEMP

<p>Step 1: Find a standard Nano part number. Mod 534 is available on all standard metal shell Nanominiature connectors, including pre-wired and printed circuit board versions.</p>	<p>Example: 891-001-25PA2-0B7-12J 1. Metal shell only 2. Nickel-plated aluminum or stainless steel shells only.</p>
<p>Step 2: Add the Mod Code to the Part Number</p>	<p>Example: 891-001-25PA2-0B7-12J-534</p>

Notes

Shell Material & Finish:

Electroless nickel plated aluminum is commonly used for high-temperature connectors. Cadmium plated aluminum is not recommended for temperatures

exceeding 175° C. because of discoloration and breakdown of the chromate seal applied to the cadmium. Stainless steel shells provide the best resistance to temperature and corrosive

environments, but at the expense of weight and cost.

Potting Compound:

315° C. Rated Epoxy