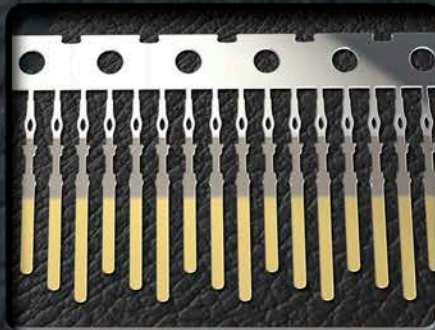
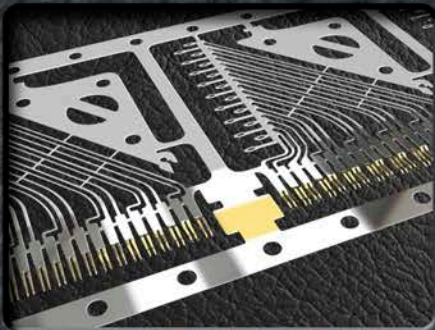




# PLATING SERVICES

A large graphic showing a curved metal strip with several circular holes. A series of vertical strips are attached to the top edge, each with a small hook at the top and a gold-plated section at the bottom. The text 'PLATING SERVICES' is overlaid in a large, white, sans-serif font across the top of the graphic.

**SOLUTIONS FOR YOUR REEL-TO-REEL PLATING NEEDS**



799 North Pike Road Cabot, PA 16023 - Phone: (724) 352-1507 Fax: (724) 352-4970 [www.pennunited.com](http://www.pennunited.com)

Penn United's Plating department understands the importance of quality, perseverance, precision and customer confidentiality. We work hand in hand with a wide range of companies and stamping houses to plate their products. We are willing to work hard not only to gain your trust but to keep it. It's all part of being honest and having integrity, one of the principles that our company was founded on.

Penn United offers:

Fast and Accurate Quotations

Quick Turn Around Times for Plated Products

Quality Plated Products detailed to your specifications

Higher Product Yields

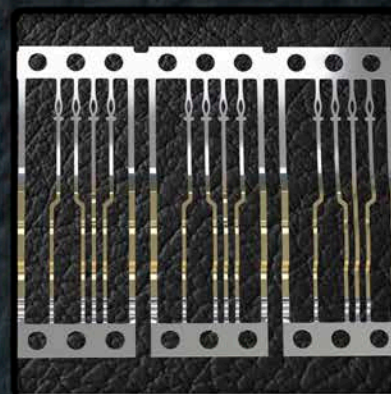
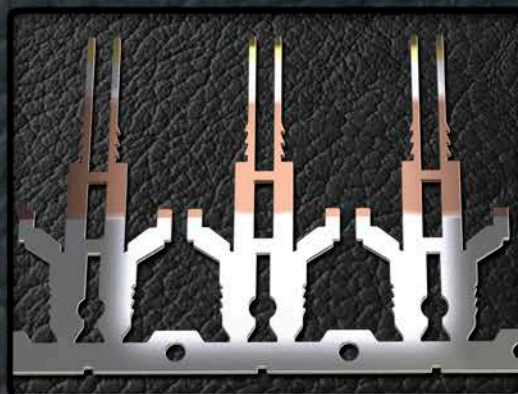
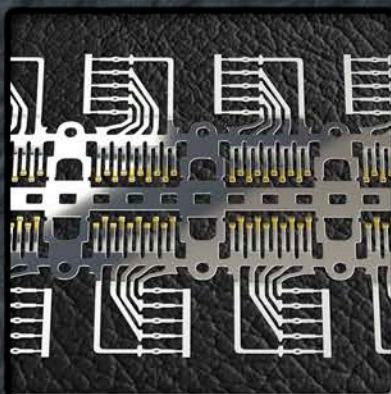
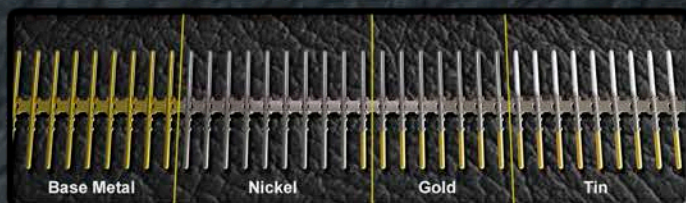
At Penn United we take pride in our people and workmanship.

### Processes / Finishes

- Electro Cleaning
  - Electro Polishing
  - Copper
  - Nickel (Matte / Semi-bright)
  - Palladium
  - Palladium Nickel
  - Silver
  - Gold
  - Tin 100%
  - Lead Free Tin (ROHS compliant)
  - Tin -Lead- Various alloys such as 60/40, 90/10, & 93/7
- Please Note: All of the Tin, Lead Free Tin and Tin Lead alloys are offered in both Matte and Bright Finishes
- Black Oxide
  - Passivation Line for Stainless Steel Parts
- Offering both Citric and Nitric Chemistries

### Process Techniques

- Overall Plating
- Selective (Controlled Depth) Plating
- Selective Stripe (Single or Dual sided)
- Brush Plating
- Spray Plating
- Selective Spot Plating
- Reflow



**Manufacturing Solutions. Absolute Integrity.**

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