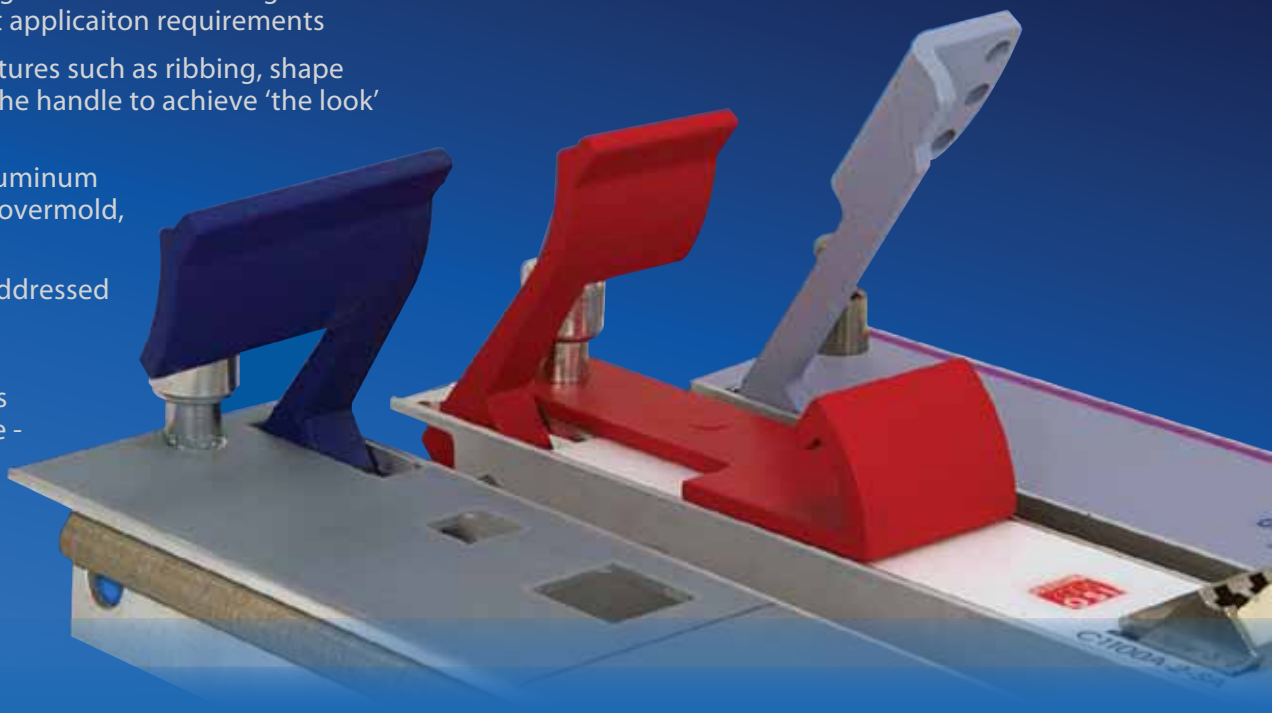
Custom Extractor / Ejectors

FEATURES

- Extractors designed to meet the performance requirements of your application
- Incorporate Industrial Design for Custom Look
- Engineered to insure the extractor and the chassis interface perform together - Critical for high availability or robust applicaiton requirements
- Integrate design features such as ribbing, shape features, color into the handle to achieve 'the look' for your system
- Materials include Aluminum extrusions, die cast, overmold, plastics, and steel
- Ergonomic factors addressed to insure easy insertion/extraction
- Full range of analysis and testing available - from Finite Element Analysis to cycle testing to environmental and shock/vibration test



XTech — The Front Panel Source

APPLICATIONS

- Communications
- Networking
- Medical
- Test and Measurement
- Defense

OTHER INFORMATION

- Customize 'The Look'
- Wide range of finishing options
  - Color
  - Silkscreening
  - Overlays (passive or active)
- Special Plating
- Cable Management
- Global Manufacturing Capabilities

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Custom Extractor / Ejectors

Custom Solutions

Ruggedized Handles

Custom Extractor

Custom Panel with Handle

Sheet Metal and Extruded Handles

Internal and External Handles

Options

- Internal Ejectors
  - Internal Ejectors are those that mount behind the faceplate and the handle protrudes through the face. The ejector is normally mounted on a pem on the side leg of the extrusion. This pem provides a threaded mounting post for the ejector to pivot on. In most cases, a compression spring or wave washer is used to add some drag to the action of the ejector. This keeps the ejector from flopping around when not engaged.

  - Easy to Design (only a hole in the nut bar is required for engagement)
  - Inexpensive to Produce
  - No Additional Components (ejector engages the nut bar of the chassis)
  - Easy to span the PCB Board
- External Ejectors
  - External Ejectors are those that are mounted on the face of the extrusion. These assemblies use some form of sheet metal or extruded yoke.

  - Minimal or No holes in the face of the extrusion (prevents EMI leakage)
  - Strong in high insertion force applications (ejector yokes provide a stronger pivot than pems with less cantilever effect)
  - Most designs allow for the ejector assembly to be mounted as a unit with screws or rivets
  - Most internal designs have the pem pressed through the ejector and require custom pem tooling
  - Easy to disassemble if needed (if mounted with screws)
- Pull Handles

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