

SPECIAL PURPOSE  
AEROSPACE  
CONNECTORS  
AND CONTACTS



Crimp wire termination  
solution saves time and labor  
over manual D0150 splicing



## Glenair SpliceSaver™ reduces manual wire splice and terminal block operations

**S**pliceSaver™ is an innovative interconnect technology developed by Glenair for use in aircraft wiring operations that rely on heat shrink splicing of aircraft signal, sensor, and data transmission wiring. Single-piece SpliceSaver designs allow remote harness assembly facilities to pre-terminate each line with a crimp-and-poke contact. During aircraft wire harness installation, cabling is routed to interconnection points and the contact-equipped wires are quickly and easily installed into the lightweight single-piece SpliceSaver connector. Two-piece Spiralock® SpliceSaver designs enable the harness facility to terminate wires to the small form-factor, lightweight “connector” for subsequent mating on the aircraft. A special bussed version is also available. All SpliceSaver styles feature integrated banding platforms for the termination of EMI shielding utilizing qualified banding technology—one-piece design features three platforms for termination at both ends and in the center. Compared to legacy terminal blocks and wire splice technology, SpliceSaver offers faster, cleaner, and more reliable routing and termination of discrete wiring.

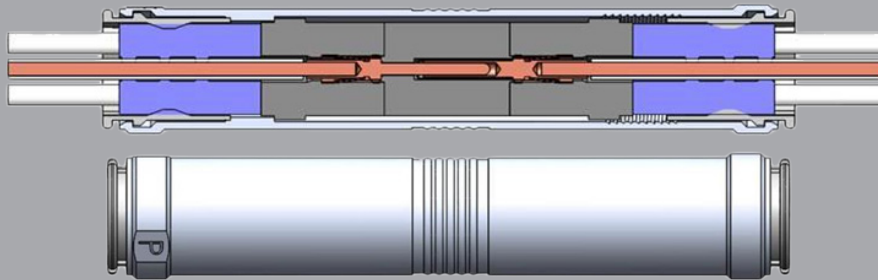
- **Lightweight construction**
- **Conductive (plated) or non-conductive versions**
- **Crimp contact technology: front release/rear removal**
- **Three to eleven circuits per unit**
- **Environmentally sealed**
- **Full-mate indicator**
- **Replaces labor-intensive terminal blocks and splices**

TIME SAVING · LABOR SAVING · WEIGHT SAVING

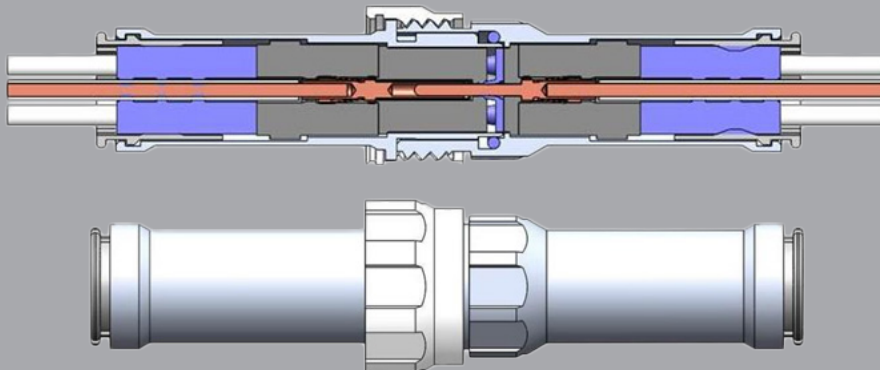
# SpliceSaver™ Fast and reliable replacement for wire splice and terminal block technologies



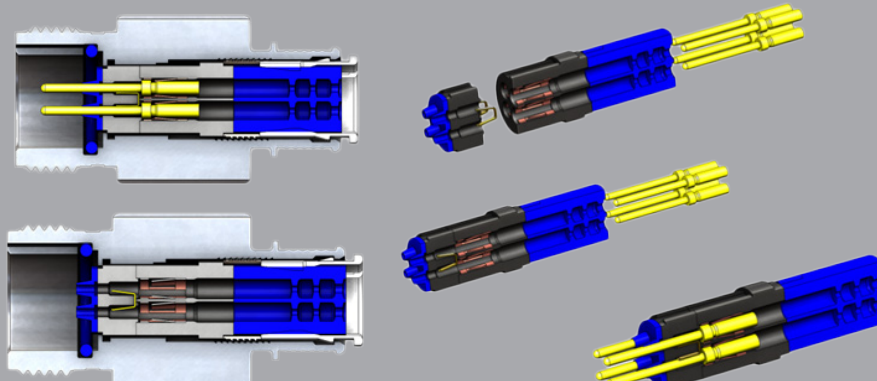
## SPLICESAVER AVAILABLE CONFIGURATIONS—FEATURES AND SPECIFICATIONS



Single-Piece



Spirallock® Threaded



Bussed

- Triple ripple grommet wire seal for sealing at high altitude
- Machined contact utilizes mil-spec crimp tooling
- Contacts are removable allowing corrections to circuits during testing if required

### SpliceSaver™ Specifications

**Altitude immersion:**  
75,000 ft.

**DWV rating at altitude:**  
>800 V

**Dielectric Withstanding Voltage Ratings:**  
22AWG = 5 amps/contact  
20AWG = 7.5 amps/contact

**Material and finish options**  
(for compatibility with available EMI/RFI braid materials):  
Cadmium-plated aluminum  
Nickel-plated aluminum  
Nickel-plated brass

### SpliceSaver™ Weight Analysis

**Receptacle connector:**  
1.6 grams including contacts and seals

**Plug connector:**  
1.66 grams including contacts and seals

**Total connector mass:**  
5.66 grams (all contact locations installed)

**Accessories:** Add the variable mass of two or three nano bands trimmed to length of grooves in the split sleeve