



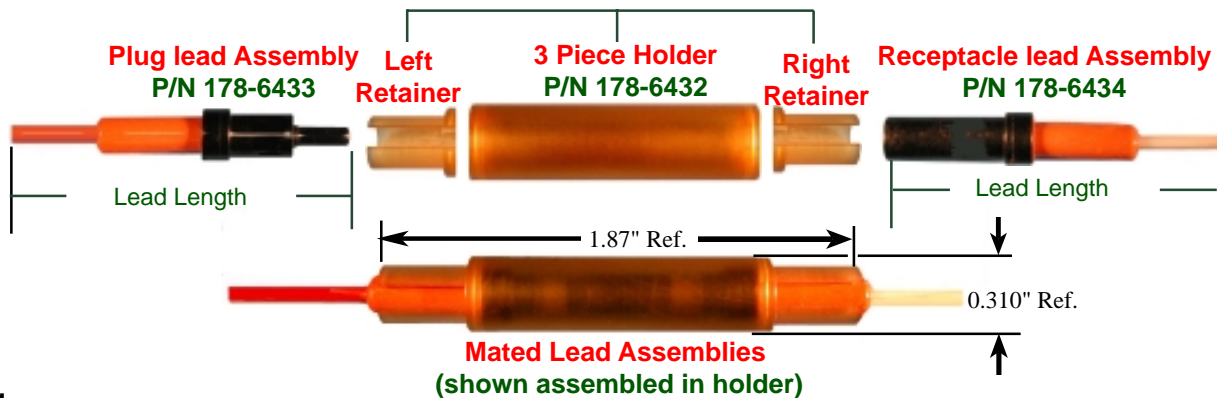
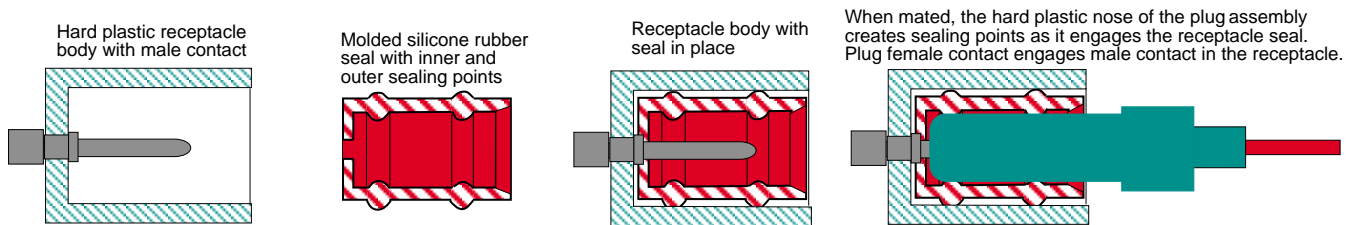
**New! Hi/Mate RB series for use as in-line connectors**

Hi/Mate high voltage Lead Assemblies are excellent for use within power supplies or cabling to reliably connect and disconnect system components. Designed primarily for breadboard or prototype testing, the leads can also be used in a production system where DC high voltage, low current inter-connections are required.

The RB series lead assemblies use Reynolds exclusive Advanced Interface Sealing System. Mated assemblies are rated at 13.5 KVDC from sea level to 70,000 feet, require no encapsulation or potting and can be mated and unmated numerous times. No tools are required for assembly or disassembly.

**The Advanced Interface Sealing System**

Hi/Mate<sub>d</sub> uses the high voltage interface sealing developed by Reynolds for its proven, highly successful Advanced series of connectors. Illustrations not to scale.



**Ordering**

3 piece thermoplastic holder: Order P/N 178-6432

Plug lead assembly: Order P/N 178-6433.

Receptacle lead assembly: Order P/N 178-6434

Be sure to specify Lead length. When no length is specified, a 12 inch lead length will be shipped.

**Assembly CAUTION:** 1. Never handle the lead assemblies when power is applied. 2. Never apply power to unmated lead assemblies.

**Step 1:** Slide the left retainer over the lead of the plug assembly and feed the HiMate plug assembly through the holder body **Step 2:** Mate the Plug assembly to the Receptacle assembly until they bottom out. When properly mated there will be a gap as shown. **Step 3:** Squeeze the left retainer and position it just inside the holder body and then release the squeeze pressure. The retainer should be locked in place. If not repeat step 3. **Step 4:** Slide the mated assembly to the left inside the holder body until it bottoms out. Squeeze the right retainer and position it just inside the holder body and release the squeeze pressure as in step 4. Assembly is complete.

