Amphenol Aerospace is an experienced supplier of highly reliable hermetic connectors for the aircraft industry. Amphenol's ZZL and ZZB series of hermetic receptacles are designed to the requirements of MIL-DTL-26500, they are available in stainless steel shells with gold-plated, nickel-iron alloy contacts.

Hermetic receptacles are available in shell sizes 8, 10, 12, 14, 16, 18, 22, 24 and 28. The hermetic series is offered in a variety of receptacle shell styles, which include solder mount, square flange and "D" hole mount. These connectors can be ordered with either eyelet, solder-well or printed circuit tail pin contacts.

Consult Amphenol Aerospace for more information on hermetic connectors, and for optional connector designs.

### Easy Steps to build a part number for Hermetic Connectors... Commercial

1. **Select a Series**
   - ZZL: Threaded Coupling
   - ZZB: Bayonet Coupling

2. **Service Class**
   - HC: Hermetic Class

3. **Select a Shell Style**
   - 14: Solder Mount Receptacle
   - 15: Single Hole Mounting Receptacle
   - 17: Square Flange Receptacle

4. **Select a Shell Size**
   - 8 10 12 14 16 18 22 24 28

5. **Select an Insert Arrangement**
   - 55

6. **Select a Contact Type**
   - P: Male Pin Contacts with standard gold plate

7. **Select an Alternate Keying Position**
   - 06, 07, 08, 09, 10 (Omit for Normal)
   - See page 400

8. **Select an Alternate Keying Position**
   - See inserts labeled with an "H" on page 399 & 400

9. **Select a Contact Plating**
   - E: Eyelet
   - W: Solderwell

10. **Select a Variation**
    - H45: 304L Stainless Steel Shell
    - H52: Tinned Termination Tails
    - H56: Same as standard; gold contacts
    - H77: 304L Stainless Steel Shell, Inconel Contacts
    - H127: Same as H125 except 304L Stainless Steel Shell
    - H146: 303 Stainless Steel Shell, 100 Micro-inch Gold
    - H152: 304L Stainless Steel Shell with Individual Beads, Loose Seals
    - H177: 303 Stainless Steel Shell, Loose Seals
    - H181: Tin Plated Contacts

Consult Amphenol Aerospace for ordering information of printed circuit tail contacts.