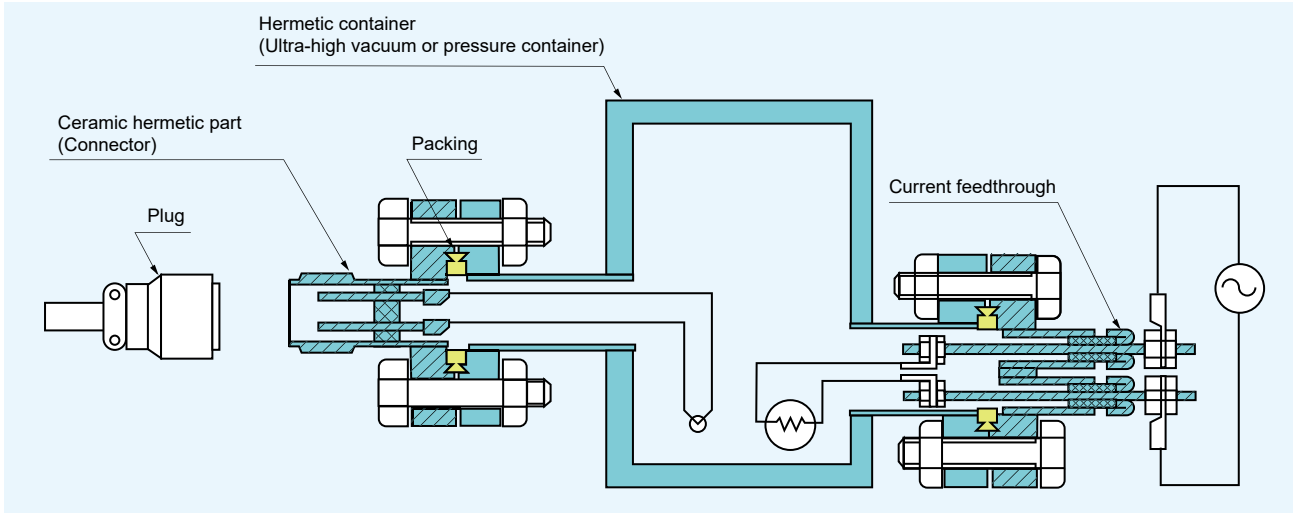
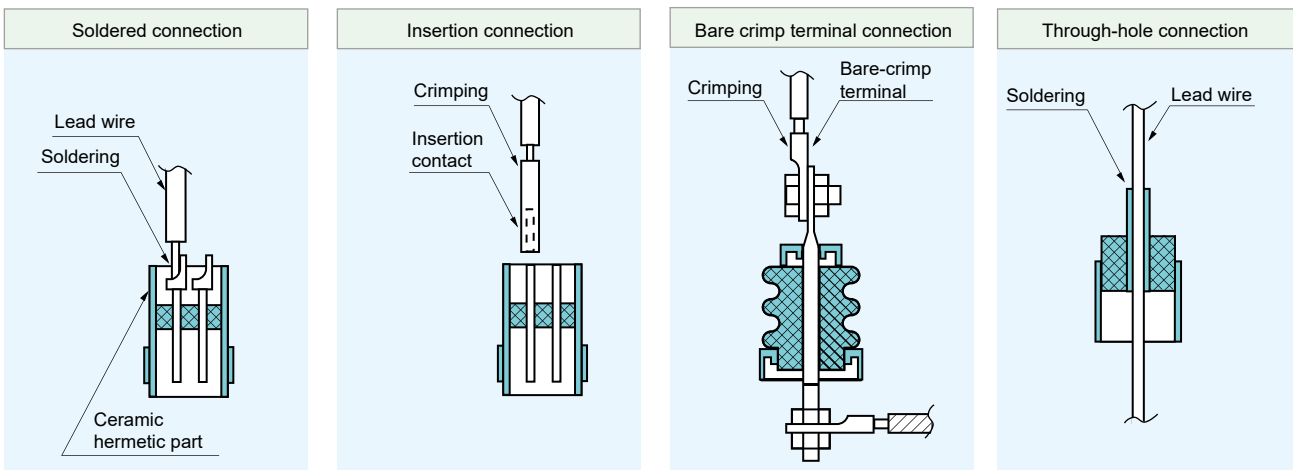


How to install ceramic hermetic parts

Installation overview



How to connect seals



Points to note when welding to a flange or chamber

If you want to weld a ceramic hermetic part directly to a SUS flange or chamber, please note the following.

- (1) Keep the thickness even, so that the two parts that are being welded reach the same temperature at the same time.
- (2) Create a heat release to prevent welding deformation from spreading.
- (3) Make the mounting hole dimension 0.1 to 0.3 mm larger than the outer diameter of the product.
- (4) When welding, fuse the matrices of both the part and the flange or chamber. (We recommend TIG welding.)
- (5) Set the conditions so that the temperature of the ceramics closest to the welding section is 200°C or less.
- (6) In order to prevent breakage of the insulator due to welding transition heat, ensure there is a distance of 10 mm or more between the welding section and the insulator.

