HERMETIC SEAL TECHNOLOGY
GLASS TO METAL SEALS

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Custom Hermetic Seals

With expertise in the design and manufacture of various hermetic seals, we offer customized hermetic seals suited for all your leak-tight power feed thru requirements. Our capabilities cover every facet of manufacturing custom seals - from initial design plus prototype production to high volume manufacturing. In addition, we have the ability to work with different materials for the body, insulation, and conductor parts of your hermetic seals. Seals can be designed to withstand very high

+ more

Specifications

Body Materials	Exotic Alloys Mild Steel Stainless Steel Titanium And Many Others
Insulator Materials	Babal Cabal 12 and other low silica glass Corning 9010 Corning 9013 HST Custom Lithium Corrosion Resistant Glass

	TA-23 Other Borosilicate, Barium Alkali, and Soda-Lime
Pin Materials	Alloy 52 and Copper Cored 52 Alloy Molybdenum Platinum-Iridium Stainless Steel and Copper Cored Stainless Steel Other Materials Available Upon Request
Plating Options	Copper Plating Electroless Ni Plating Electrolytic Ni Plating Hard Gold Plating Pure Gold Plating Silver Plating And Many Others
Hermeticity	Less than 1 x 10^{-8} cc/sec helium leak rate
Industries Served	Aerospace Automotive Electronics Defense Industrial Switching Medical and Healthcare Military Opto-Electronics Power Electronics Sensors Telecommunications Others
Capabilities	Brazing Glass Formulation Glass Sealing Resistance Welding
Applications	Diode and Hybrid Packages Battery and Power Feed-Troughs Microwave Packages Photodiode Housings Quartz Crystal Packages Sensor Packages

	Transducer Packages Transistor Packages Others
Quality Control	ISO Compliant
Production Capability	We have the ability to handle orders from ten parts to millions of parts We can also do sample parts