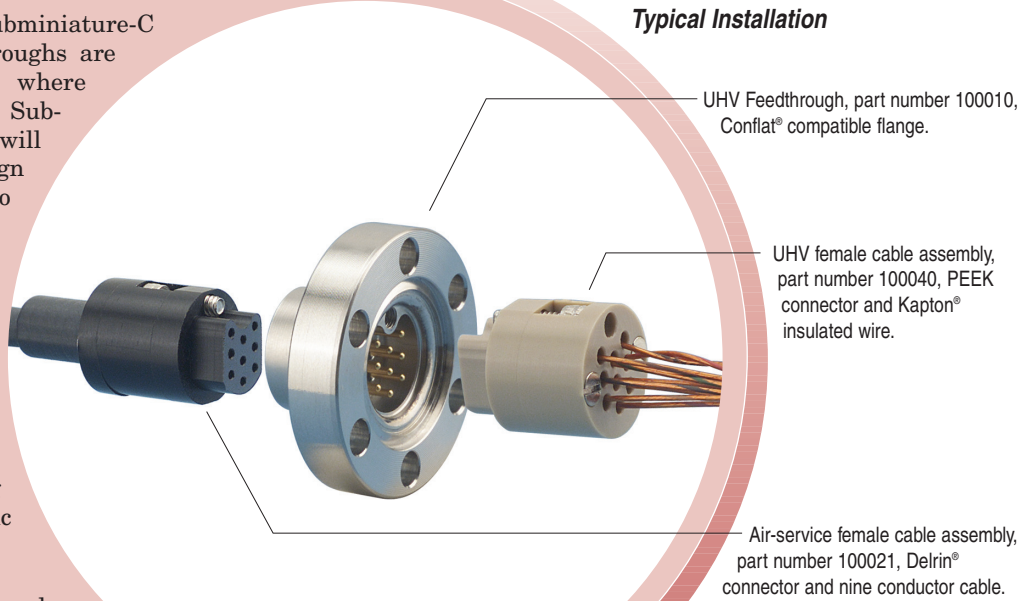


Accu-Glass Products Subminiature-C multipin hermetic feedthroughs are designed for applications where space is limited or where Subminiature-D connections will not fit. The compact design allows installation into 1.33-inch CF metal seal and ISO-NW16KF elastomer seal flanges.

Nine gold plated pins are in a straight through pin-to-pin design and are hermetically sealed and electrically insulated in a stainless steel shell using the latest in glass-ceramic bonding technology.

Subminiature-C feedthroughs and cables are sold individually or as kits, where each kit contains a feedthrough and both vacuum and air side cable assemblies. Air and vacuum side connectors are fitted with captured stainless steel socket head screws that provide a means of securely locking them to their mating feedthroughs. On the vacuum side, Kapton® insulated cable assemblies fitted with PEEK connectors are available to meet the demands of ultrahigh vacuum environments. In-vacuum connector screws are vented where required and the feedthrough's screw-boss functions as a locating key. Air to vacuum pin position is identified with a permanent surface mark, which clearly locates pin assignments.



### Typical Installation

*Note:* Unless ordered as a complete kit, cable assemblies are not included with feedthrough and must be purchased separately.

### Features

- 9-Pin configuration
- High temperature rated to 250°C
- UHV compatible construction
- Conflat® compatible flange mounts
- ISO compatible flange mounts
- Kapton® insulated vacuum cables
- PEEK connector with locking screws
- Air side connectors available
- Custom versions on request

### Specifications Notes

- Electrical ratings are maximum test values. Feedthroughs are intended for instrumentation applications carrying low level signal voltages and currents.
- PEEK is a polyetheretherketone thermoplastic.
- Overall assembly ratings must be adjusted to that of the lowest rated component.  
All dimensions are in inches unless specified otherwise.

### Specifications

<b>Voltage<sup>1</sup></b>	500VDC maximum
<b>Current</b>	5A maximum at 20°C
<b>Material</b>	
Shell	SST
Pins	Ni-Fe alloy, Au-plt
Seal and Insulation	Glass-Ceramic
Connector, Air	Delrin®
Connector, Vacuum <sup>2</sup>	PEEK

### Vacuum Range

UHV, Ultrahigh vacuum	1x10 <sup>-10</sup> Torr
HV, High vacuum	1x10 <sup>-8</sup> Torr

### Temperature Range<sup>3</sup>

Feedthrough	250°C
Flange, CF Style	450°C
Flange, ISO Style	150°C
Connector & cable, Air	80°C
Connector & cable, Vacuum	250°C
Thermal gradient	25°C / minute maximum