### Power – Connectivity

**12,000 Volts / 38 Amps / 7 Pins**

#### 4.6 Power

**High Power Feedthroughs**

**Features**

- 7 pin configuration
- For high voltage applications requiring high density pin design
- Industry standard threaded connectors
- Air side connector included
- Custom feedthrough configurations available upon request

**Specifications**

- **Voltage**
  - 12,000 VDC maximum

- **Current**
  - Amps/Pin

- **Maximum, all pins loaded:**
  - 7 pin: 38 Amps

- **Material**
  - Flanges: 304 Stainless steel
  - Adapter: 304 Stainless steel
  - Conductor: Molybdenum
  - Insulation: Alumina ceramic

- **Vacuum Range**
  - UHV/HV: 1x10^{-10} Torr/1x10^{-8} Torr

- **Temperature Range**
  - Feedthrough: -100°C to 450°C
  - Del-Seal™ Mounted Feedthrough: -100°C to 450°C
  - Kwik-Flange™ Mounted Feedthrough: -20°C to 150°C
  - Weldable Feedthrough: -100°C to 450°C
  - Air Side Connector: -55°C to 125°C

- **Dimensions**
  - Reference only, subject to change

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1. See INTENDED OPERATING CONDITIONS in introductory section.
2. Overall assembly ratings must be adjusted to that of the lowest rated component.
Air Side Connector included at no extra cost.