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# High voltage power connector

## 2.75" OD CF high voltage feedthrough, water cooled, single conductor

**Part number: HCF-150-1W**

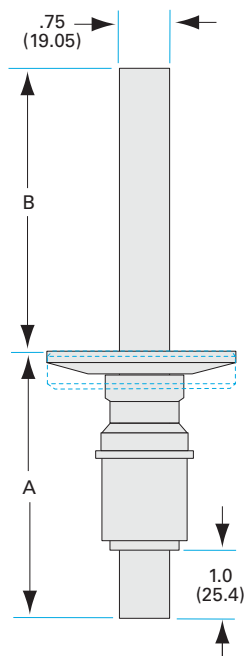
## High voltage power connector

### 2.75" OD CF high voltage feedthrough, water cooled, single conductor

- 3KVDC Peak
- 600 Amps
- Metal Seal -270°C to 450°C
- Elastomer Seal -20°C to 200°C



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Dimensions (in inches)	
Dim A	3.90"
Dim B	3.35"
Dim C	0.750"
Dim D	1.00"
Dim E	1.00"

### HCF-150-1W

Parameters	Specifications
Power Feedthrough Type	High Current Feedthrough
# Conductors	One
Conductor Material	OFHC Copper
Flange Size / Type	DN 40 CF (2.75" OD)
Flange Material	304 stainless
Vacuum Range	1 · 10 <sup>-10</sup> mbar to 1 bar (UHV)
Temperature Range	-270 °C to 450 °C
Voltage Rating	8 KV DC
Current Rating	800 A
Weight	0.88 lbs

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