



Cryogenic High Voltage Bushing



Requesting Company: _____

Date: _____

1. DC Voltage (kV) or AC Voltage (kV_{rms}) _____

2. DC Operating Current (A) or AC Current (A_{rms}) _____

3. Anticipated Number of Thermal Cycles _____

4. Radiation Dose (MGy) _____

5. Expected Operating Temperatures

a. End A, Typically Ambient (K) _____

b. End B, Typically Vacuum/Cryogenic (K) _____

6. End A Specifications

a. Gas/Liquid Species (air, vac., GHe, GN2, LHe, LN2, LCH4, etc.) _____

b. Gas/Liquid Pressure (MPa) _____

c. Termination Type (Number of Holes, Size, Threaded/Through, Spacing, etc.) _____

7. End B Specifications

a. Gas/Liquid Species (air, vac., GHe, GN2, LHe, LN2, LCH4, etc.) _____

b. Gas/Liquid Pressure (MPa) _____

c. Termination Type (Number of Holes, Size, Threaded/Through, Spacing, etc.) _____

8. Forces/Loading (per drawing)

a. Location (End A, End B, etc.) _____

b. Direction/Type (tension, compression, torsion, etc.) _____

c. Magnitude (N) _____

9. Geometrical Constraints (per drawing):

a. Overall Length (mm) _____

b. Max Outer Diameter (mm) _____

c. End A Diameter (mm) _____

d. End A Length (mm) _____

e. End B Diameter (mm) _____

f. End B Length (mm) _____

10. Flange (per drawing)

a. Type (Fixed/Rotatable Conflat, ISO, KF, etc.) _____

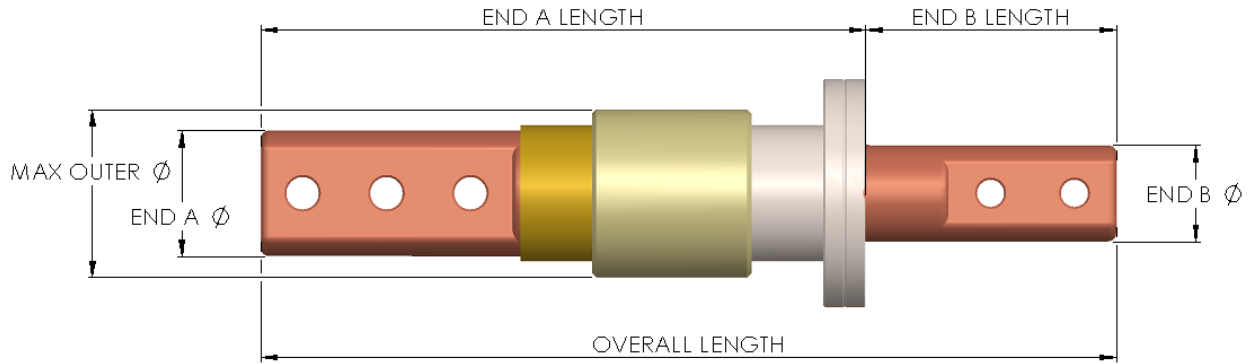
b. Material (Al, 304SS, 316SS, Brass, etc.) _____

e2P warrants our Cryogenic High Voltage Bushings to be free from defects in material and workmanship for a period of 12 months from delivery. Terms and conditions apply.

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Comments/Special Instructions:
