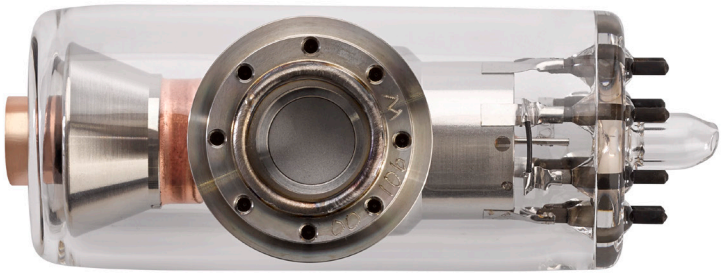
MICRO X-RAY INC.

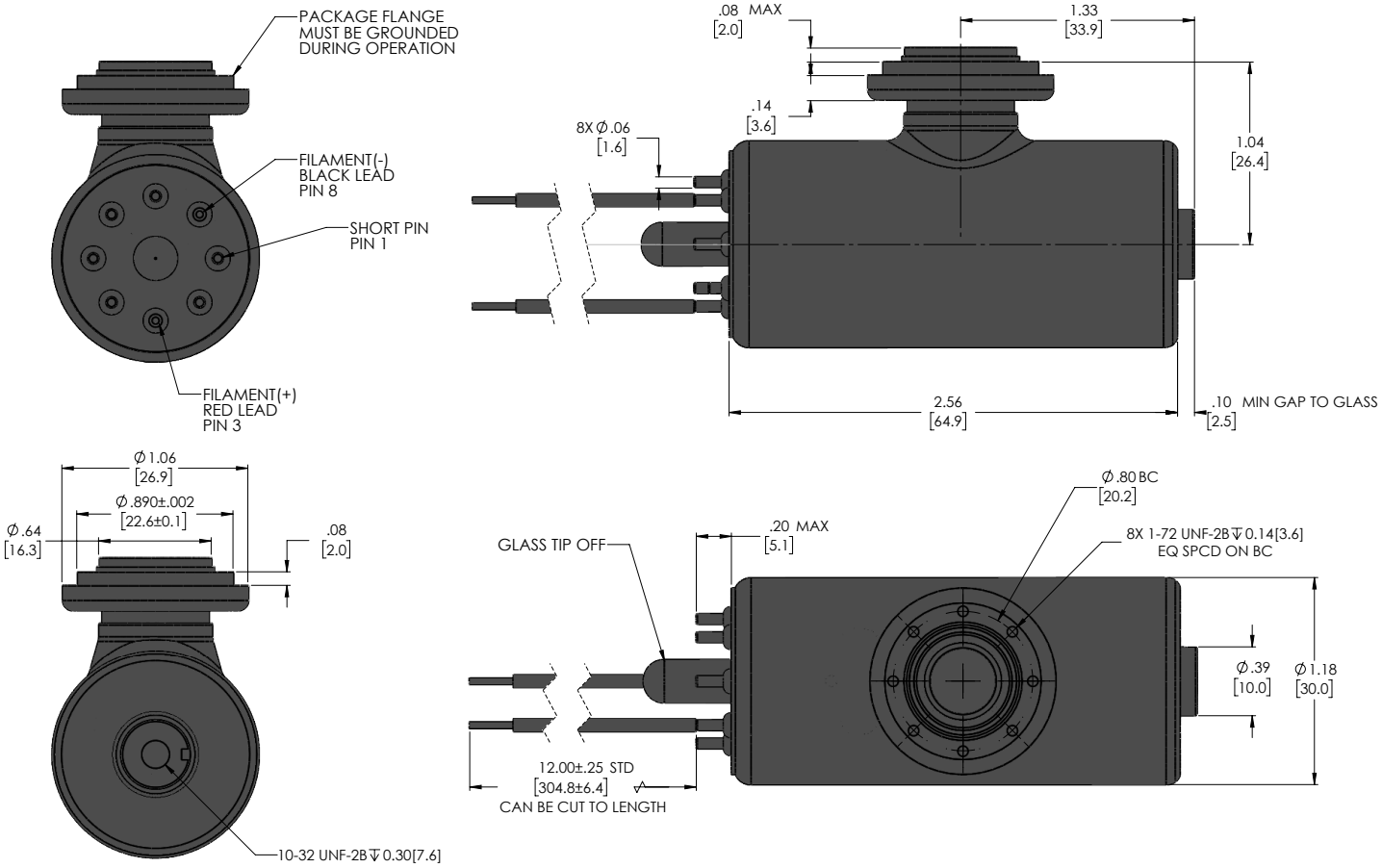
MINI FOCUS GLASS X-RAY TUBE



*Our **Mini Focus Glass X-Ray Tube** is designed for OEM applications and requires dielectric oil isolation and X-ray shielding.*

Features include:

- ***Power up to 60kV and 75W.***
- ***A Beryllium window and mounting flange.***
- ***Multi-functional and configurable design*** that's well suited for various applications.



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SPECIFICATIONS

Polarity	Grounded Cathode
Flange Type	(8) 1-72 thread
Max. Voltage Range	60kV[1]
Max. Power	75W[1]
Max. Filament Current	1.7A, 2.0A[2]
Max. Anode Current	2mA for 1.7A filament 5mA for 2.0A filament
Window Thickness	50µ/127µm Beryllium
Beam Angle	25° or 40°
Focal Spot	50-1000µm ±50% tolerance
Target Material	Mo, W, Rh, Cu[3]

[1] *Refer to Figure 1 and 2 to determine optimal operational parameters.*
[2] *Information about 2.0A filament option can be found at https://microxray.com.*
[3] *Other target materials available upon request.*

GENERAL

The customer is responsible for controlling the high voltage and filament current and designing the cooling system. Selecting an appropriate power supply is crucial to protect the X-ray tube from overcurrent and overvoltage. Sufficient cooling is required when operating the X-ray tube. Failure to do so may damage the tube and radiation protection, posing a hazard.

RADIATION PROTECTION

The customer is responsible for radiation protection and must ensure compliance with local regulatory requirements and limit values.

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FIGURE 1 *- 1.7mA Filament*

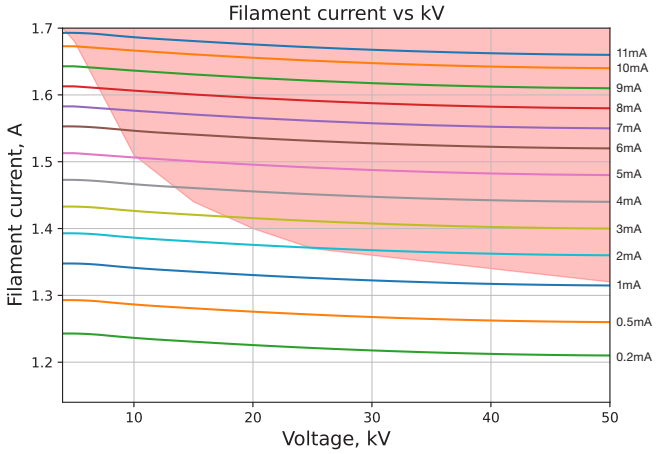

FIGURE 2