The Micro Focus X-ray Source is designed for applications requiring very small feature recognition. This tube is available with silicon encapsulation and high voltage cable, compatible with optional high voltage power supply. Alternatively, the glass insert is available for OEM’s with the ability to properly shield radiation and isolate high voltage.

**SPECIFICATIONS**
- **Polarity**: Grounded Cathode
- **High Voltage Range**: 20-100 kV
- **Continuous rating**: 12 watts (limited to 1 watt/micron)
- **Focal spot**: 6 μm
- **Inherent filtration**: 0.005 inch Be
- **Target materials**: W
- **Radiation coverage**: 45° with option for 60°
- **Cooling**: Air cooled, 100 CFM fan recommended

**GENERAL**
Control of high voltage and cathode, as well as the design of the cooling system and the radiation protection, are the responsibility of the customer. Careful selection of power supply should assure that the X-Ray tube will be protected against overcurrent, overvoltage and lack of cooling. Otherwise, the tube and/or the radiation protection may be damaged and become a hazard.

**RADIATION PROTECTION**
The responsibility for radiation protection is with the user. Compliance with local regulatory requirements and limit values must be assured.