



**NOTES:
- DWG NOT TO SCALE INCH (mm)
- DIMENSIONS ARE NOMINAL

ELECTRICAL CHARACTERISTICS

| | |
|--------------------------------------|------------|
| He3 PRESSURE (atm) | 2 |
| OPERATING VOLTAGE RANGE (V) | 600 - 1000 |
| RECOMMENDED OPERATING VOLTAGE | 800 |
| TUBE CAPACITANCE (pF) | 8 |
| MAXIMUM PLATEAU SLOPE (%/ 100V) | 3 |
| MAXIMUM RESOLUTION (%FWHM) | 12 |
| THERMAL NEUTRON SENSITIVITY (cps/nv) | 9 |

MECHANICAL CHARACTERISTICS

| | |
|-----------------------------------|--------------|
| NOMINAL ACTIVE LENGTH (inch/mm) | 5.91 / 150.1 |
| ACTIVE DIAMETER (inch/mm) | .71 / 18.0 |
| CATHODE MATERIAL | 304 ST.STL. |
| CATHODE WALL THICKNESS (inch/mm) | .020 / .51 |
| OPERATING TEMPERATURE RANGE (°C) | -40 TO 150 |
| TYPE OF CONNECTOR | SHV |
| APPROX. WEIGHT (grams) | 120 |

Rev. 1