

# 4011

Beryllium end window proportional counter

## GENERAL SPECIFICATIONS

|   |                 |
|---|-----------------|
| <b>MAXIMUM LENGTH (INCH/MM)</b>             | 1.46/37.1       |
| <b>MAXIMUM DIAMETER (INCH/MM)</b>           | 0.69/17.5       |
| <b>GAS FILLING</b>                          | Argon           |
| <b>EFFECTIVE LENGTH (INCH/MM)</b>           | 0.50/12.7       |
| <b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b> | Stainless Steel |
| <b>EFFECTIVE DIAMETER (INCH/MM)</b>         | 0.50/12.7       |
| <b>CONNECTOR</b>                            | Grid Cap        |
| <b>OPERATING TEMPERATURE RANGE °C</b>       | -40 to +75      |
| <b>GAS PRESSURE (TORR)</b>                  | 740             |
| <b>PATH LENGTH (INCH/MM)</b>                | 0.50/12.7       |

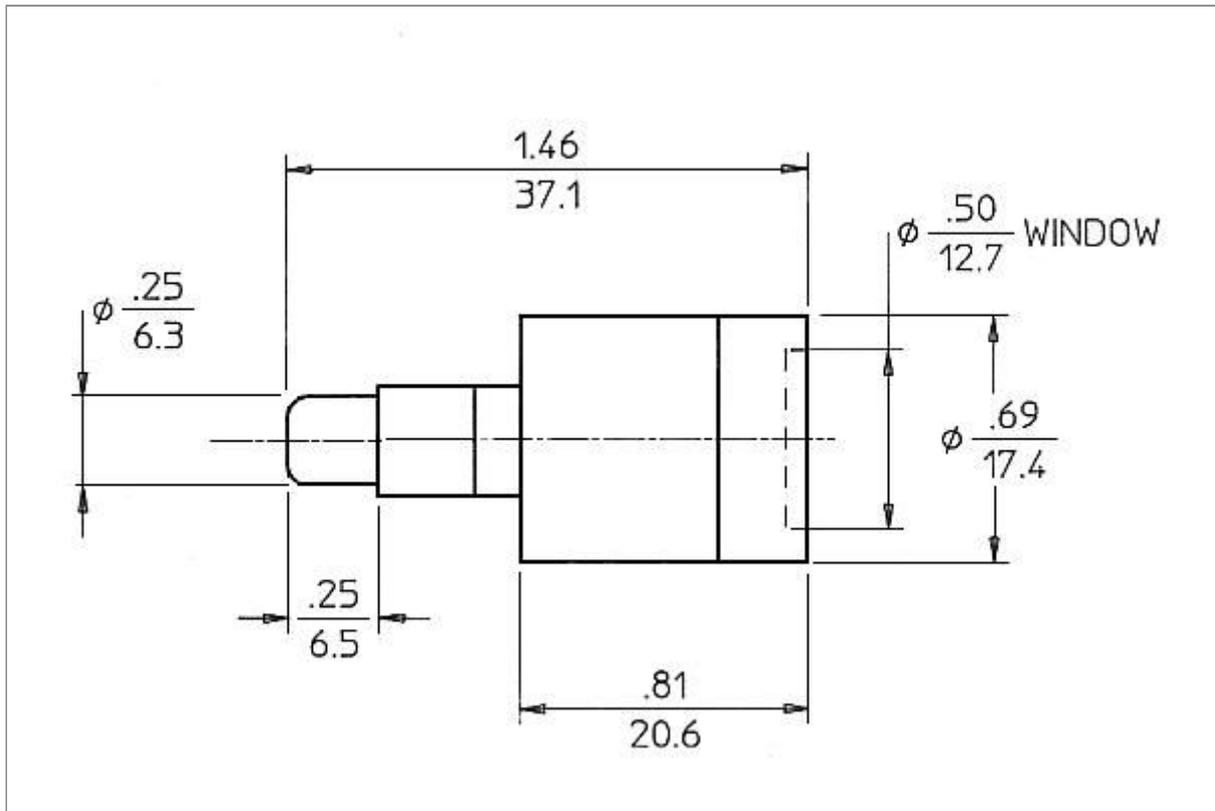
## WINDOW SPECIFICATIONS

|                 |           |
|-----------------|-----------|
| <b>MATERIAL</b> | Beryllium |
|-----------------|-----------|

|                                     |            |
|-------------------------------------|------------|
| THICKNESS (INCH/MM)                 | 0.002/0.05 |
| AREAL DENSITY (MG/CM <sup>2</sup> ) | 9.2        |
| DIAMETER (INCH/MM)                  | 0.50/12.7  |

## ELECTRICAL SPECIFICATIONS

|                                       |             |
|---------------------------------------|-------------|
| RECOMMENDED OPERATING VOLTAGE (VOLTS) | 1500        |
| OPERATING VOLTAGE RANGE (VOLTS)       | 1400 - 1550 |
| CAPACITANCE (PF)                      | 2           |
| TYPICAL RESOLUTION (FWHM FE55)        | 30          |



LND 4011 BERYLLIUM END WINDOW P.C.

