



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

## ELECTRICAL CHARACTERISTICS

He3 PRESSURE (atm)	4
OPERATING VOLTAGE RANGE (V)	950 - 1250
RECOMMENED OPERATING VOLTAGE	1100
TUBE CAPACITANCE (pF)	8
MAXIMUM PLATEAU SLOPE (%/ 100V)	3
MAXIMUM RESOLUTION (%FWHM)	10
THERMAL NEUTRON SENSITIVITY (cps/nv)	20

## MECHANICAL CHARACTERISTICS

NOMINAL ACTIVE LENGTH (inch/mm)	5.91 / 150.1
ACTIVE DIAMETER (inch/mm)	.96 / 24.4
CATHODE MATERIAL	St. Stl. 304
CATHODE WALL THICKNESS (inch/mm)	.020 / .51
OPERATING TEMPERATURE RANGE ( °C)	-40 TO 125
TYPE OF CONNECTOR	HN
APPROX. WEIGHT (grams)	144

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