



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

ELECTRICAL CHARACTERISTICS

He3 PRESSURE (atm)	2
OPERATING VOLTAGE RANGE (V)	800 - 900
RECOMMENED OPERATING VOLTAGE	850
TUBE CAPACITANCE (pF)	8
MAXIMUM PLATEAU SLOPE (%/ 100V)	5
MAXIMUM RESOLUTION (%FWHM)	NA
THERMAL NEUTRON SENSITIVITY (cps/nv)	8

MECHANICAL CHARACTERISTICS

NOMINAL ACTIVE LENGTH (inch/mm)	1.22 / 31
ACTIVE DIAMETER (inch/mm)	1.26 / 32
CATHODE MATERIAL	St. Stl. 304
CATHODE WALL THICKNESS (inch/mm)	.020 / .51
OPERATING TEMPERATURE RANGE (°C)	-40 to 175 °C
TYPE OF CONNECTOR	SHV
APPROX. WEIGHT (grams)	128

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