

30753

Fission counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.24/56.9
MAXIMUM DIAMETER (INCH/MM)	0.28/7.1
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Nickel
EFFECTIVE DIAMETER (INCH/MM)	0.18/4.6
CONNECTOR	Flying Lead
SENSITIVE LENGTH (INCH/MM)	0.75/19.1
FILL GAS	Argon, Nitrogen
FILL PRESSURE (TORR)	760

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING VOLTAGE RANGE (VOLTS)	200 - 800
NEUTRON SENSITIVITY (COUNTS/10³ NEUTRONS)	1

BACKGROUND (COUNTS)	0.6
PULSE RISE TIME (NANOSECONDS)	200

NEUTRON SENSITIVE MATERIAL

ENRICHMENT (%)	>93
MATERIAL	U235
TOTAL QUANTITY (MG)	2.3

