



COMPANY PRIVATE

BASIC DETECTOR DIMENSIONS	
DETECTOR DIAMETER	66.5 mm
DETECTOR LENGTH	65.7 mm
DETECTOR END RADIUS (J)	8 mm, NOMINAL
HOLE DIAMETER	mm
HOLE DEPTH	mm
HOLE BOTTOM RADIUS	HOLE DIAMETER / 2, NOMINAL

MISCELLANEOUS DETECTOR ASSEMBLY DIMENSIONS AND MATERIALS			
IDENTIFIER	DIMENSION	DESCRIPTION	MATERIAL(S)
A	105 mm	MOUNT CUP, LENGTH	ALUMINUM
B	4 mm	END CAP TO CRYSTAL GAP	N.A.
C	3.2 mm	MOUNT CUP BASE	ALUMINUM
D	1 mm	END CAP WINDOW	ALUMINUM
E	0.03/0.03 mm/mm	INSULATOR/SHIELD	MYLAR/ALUMINIZED MYLAR
F	700 microns	OUTSIDE CONTACT LAYER	Ge with Lithium ions
G	0.3 microns	HOLE CONTACT LAYER	Ge with Boron ions
H	0.76 mm	MOUNT CUP WALL	ALUMINUM
I	1.3 mm	END CAP WALL	ALUMINUM

ORTEC
801 S. ILLINOIS AVE.
OAK RIDGE TN 37831

Other: _____

Data Certified by: Pete Kelly

Date: 9-19-01

*Measured at a nominal rate of 1000 counts/s unless otherwise specified.

D.R.
D.