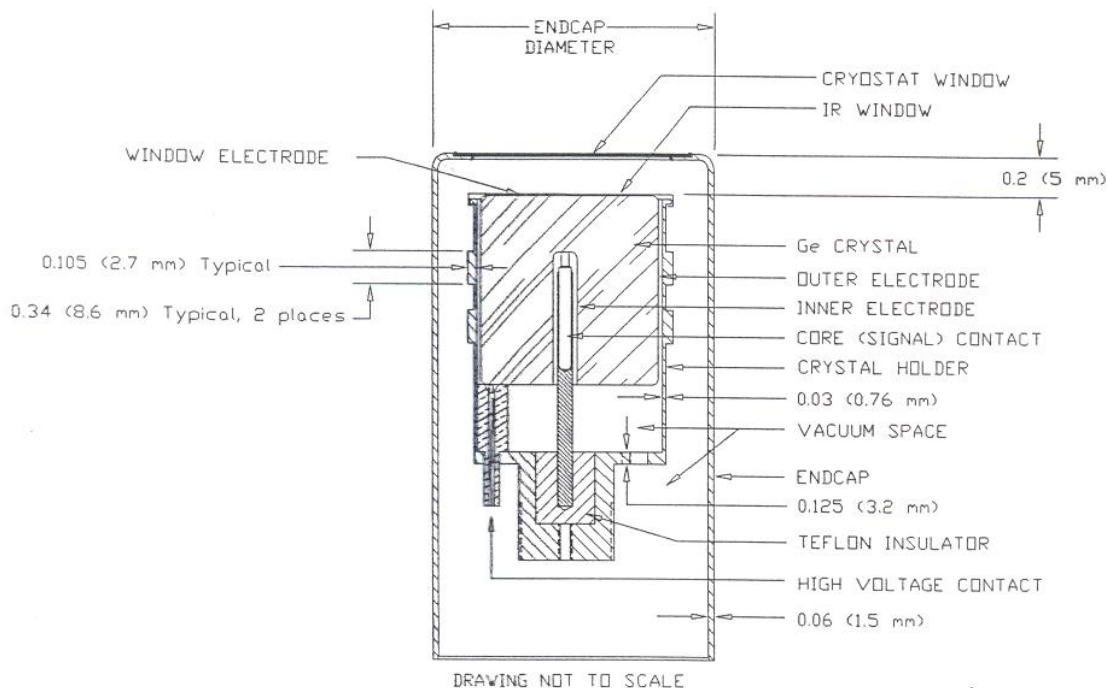




## Germanium Detector Chamber Typical Cross-Section View

Detector Model: GC3018  
Cryostat Model: 7935SL-7  
Detector S/N: 02069060



### Ge Crystal Details:

Outer Electrode Thickness	0.44*	mm (Ge Equivalent)
Inner electrode Thickness	$0.3 \times 10^{-3}$	mm (Ge Equivalent)
Window Electrode thickness	0.44*	mm (Ge Equivalent)
Crystal Diameter	58.0	mm
Crystal Length	53.0	mm
Core Hole Diameter	7.5	mm
Core Hole Depth	38.0	mm

### Detector Chamber Material Details:

Cryostat Window Material	Aluminum	Thickness	1.5	mm
IR Window Material	1/3 mil metalized Mylar + 4 mil Kapton			
Endcap Material	Aluminum	Thickness	1.5	mm
Crystal Holder material	Aluminum			
Additional Comments	* Typical thickness at time of manufacture, may be thicker if stored warm for an extended length of time.			