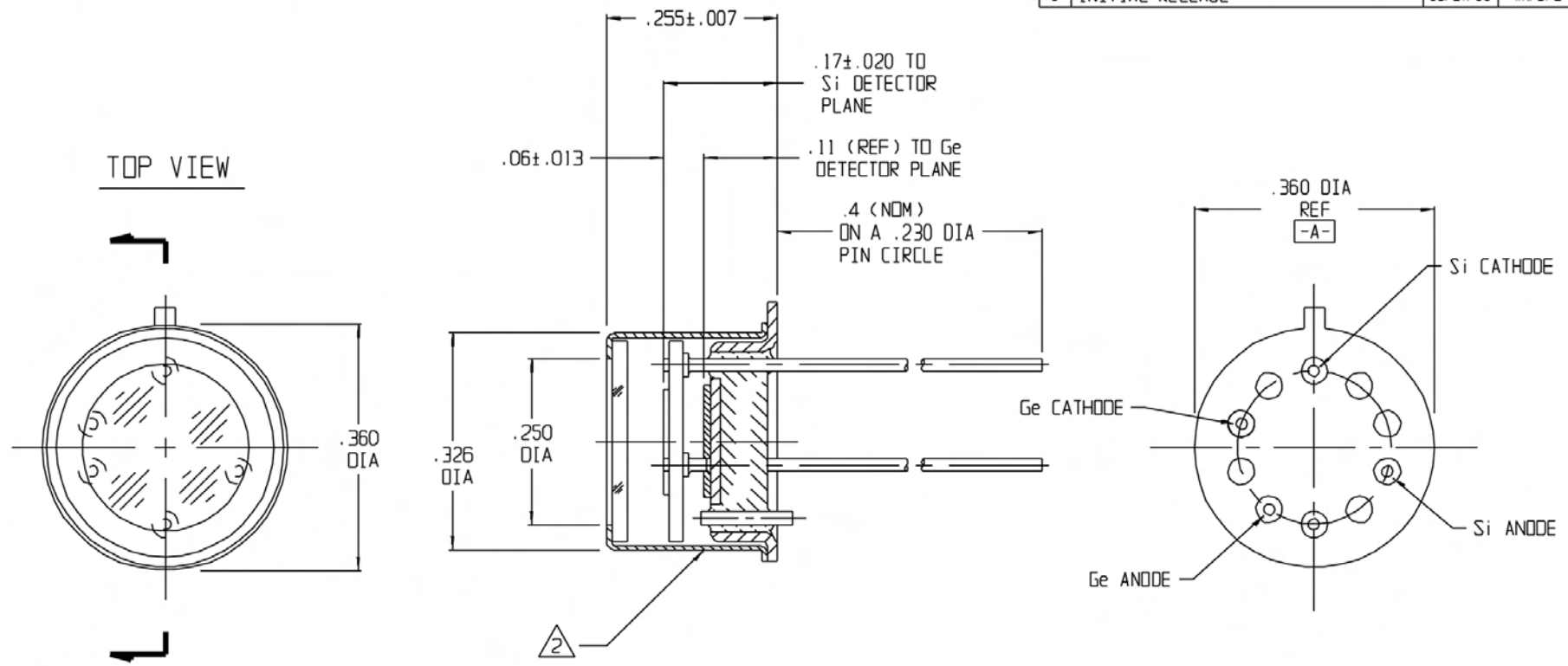


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	03/27/00	WR/DFG



- NOTES:
- CENTERING WITH RESPECT TO FEATURE -A- :
Si DEVICE: WITHIN ±.015
Ge DEVICE: WITHIN ±.010
 - PRODUCT MARKINGS.
 - SPECIFICATIONS:
SILICON
ACTIVE SIZE: 3.5 mm DIA
WAVELENGTH RANGE: 400 nm TO 1000 nm
MINIMUM RESPONSIVITY AT 850 nm: 0.45 A/W
SHUNT IMPEDANCE: 50 Mohms
NEP (PEAK AND 300Hz): 3.0E-14 (W/Hz^{1/2}) TYPICAL
 - GERMANIUM-SC
ACTIVE SIZE: 2.0 mm DIA
WAVELENGTH RANGE: 1100-1800 nm
MINIMUM RESPONSIVITY AT 1300 nm: 0.60 A/W
SHUNT IMPEDANCE: 80 Mohms
NEP (PEAK AND 300Hz): 8.0E-13 (W/Hz^{1/2}) TYPICAL
 - PACKAGE: TO-5
WINDOW MATERIAL: BOROSILICATE (GLASS)

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES		DESIGN K.F.M.	DATE 03/27/00	221 COMMERCE DRIVE MONTGOMERYVILLE, PA, USA 18936
DECIMALS ANGULAR X .002 ± 1/2° XX .001 ± 1/4° XXX .0005		CHECK K.F. MARSHALL	DATE 3/27/00	
		PROJECT FRANK CECI	DATE 3/27/2000	TITLE J16SI-5A4-RQ2M-SC
		PROF. N/A	DATE -----	SIZE C
		MFG. APPROV. WILLIAM ROLLS	DATE 3/28/00	DWG NO. 56586 460066-1 P00
		QA APPROV. D.F. GREENE	DATE 3/28/00	REV 0
NEXT ASSY USED ON		THIRD ANGLE PROJECTION		SCALE: B:1 DO NOT SCALE DWG 1 of 1