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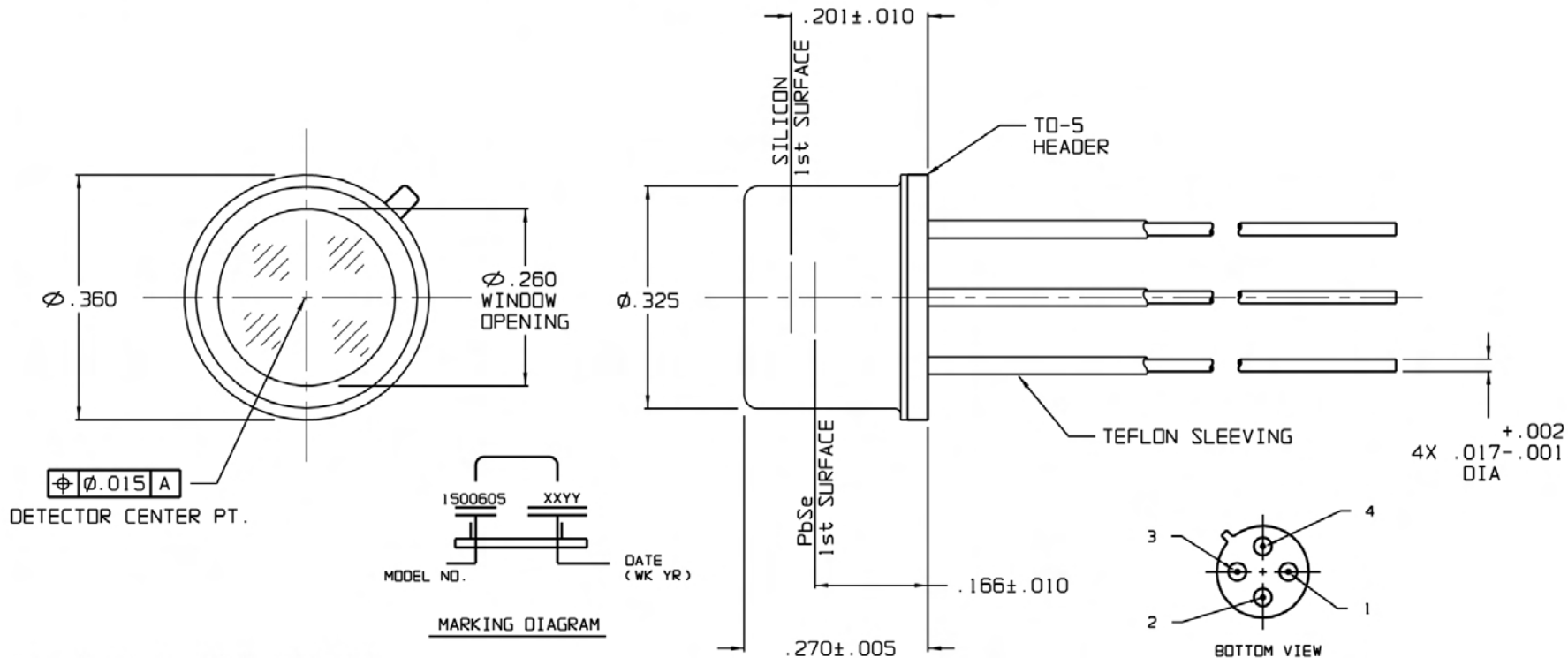
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE	08/08/02	WR/DFG



NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DWG PER DDD-STD-100C AND DDD-D-1000B.

2. DETECTOR SPECIFICATIONS: $25^{\circ} C$

PbSe DETECTOR SPECIFICATIONS:

BIAS LOAD RESISTOR: 1 Mohm
 BIAS VOLTAGE: 150 VDC
 MINIMUM D^* (PEAK, 750Hz, 1Hz): $1.75E09$ $cmHz^{1/2}W^{-1}$
 MINIMUM RESPONSIVITY: (PEAK, 750Hz): 2,000 V/W
 SPECTRAL RESPONSE: 1 - 4.8 μm
 DARK RESISTANCE: 0.1 - 2.0 Mohms
 TIME CONSTANT: 0.5 - 10 μs

Si DETECTOR SPECIFICATIONS

WAVELENGTH RANGE: 400 - 1100 nm
 MINIMUM RESPONSIVITY AT 800 nm: 0.45 A/W
 TYPICAL SHUNT RESISTANCE: 40 Mohms
 TYPICAL NEP (PEAK, 300Hz): $1.0E-14$ (W/Hz $^{1/2}$)
 WINDOW MATERIAL TYPE: Sapphire
 DETECTOR PACKAGE: TO-5

PIN NO.	FUNCTION	COLOR
1	PbSe DETECTOR	WHITE
2	SILICON DETECTOR	BLACK
3	CATHODE (-)	
4	PbSe DETECTOR	WHITE
	SILICON DETECTOR	RED
	ANODE (+)	

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		DRAWN K.F.M.	DATE 08/06/02	TELEDYNE JUDSON TECHNOLOGIES A Teledyne Technologies Company		221 COMMERCE DRIVE HENTINGERSVILLE, PA 18936
TOLERANCES		DESIGN K.F.MARSHALL	DATE 8/8/02	TITLE J14Si-5A4-S03M		
DECIMALS	ANGULAR	CHECK FRANK CECI	DATE 8/8/02	SIZE C 56586		
X ± .02	± 1/2°	PROJECT N/A	DATE -----	DWG NO. 1500605POD	REV 0	
.XX ± .01		MFG APPROV WILLIAM ROLLS	DATE 8/8/02	SCALE 6:1		
.XXX ± .005		QA APPROV D.F.GREENE	DATE 8/8/02	DO NOT SCALE DWG		
		THIRD ANGLE PROJECTION		SHEET 1 of 1		
NEXT ASSY	USED ON					

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