

**GENERAL NOTES**

1. Precision air slits in 0.003-0.005 thick BeCu with 5-10 micron thick Nickel plating both sides.
2. Front side to be polished to high reflectivity

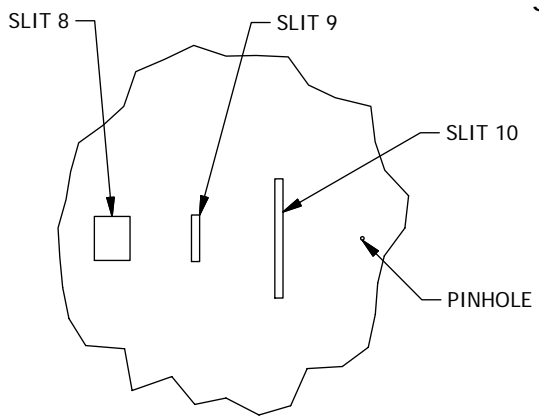
**APERTURE NOTES**

1. All slits centered vertically
2. 1103 μm horizontal center to center

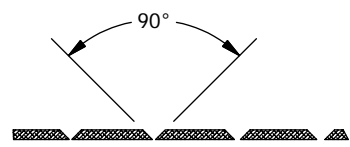
**APERTURE GEOMETRY (left to right)**

1. 32 μm wide X 580 μm high slit
2. 47 μm wide X 580 μm high slit
3. 79 μm wide X 580 μm high slit
4. 110 μm wide X 580 μm high slit
5. 158 μm wide X 580 μm high slit
6. 221 μm wide X 580 μm high slit
7. 315 μm wide X 580 μm high slit
8. 473 μm wide X 580 μm high slit
9. 110 μm wide X 615 μm high slit
10. 110 μm wide X 1600 μm high slit
11. ∅ 47 μm circular pinhole

SECTION A-A



DETAIL B  
SCALE 10 : 1



DETAIL C  
SCALE 10 : 1

THE OBSERVATORIES  
OF THE CARNEGIE INSTITUTION OF WASHINGTON  
813 Santa Barbara Street  
Pasadena, CA 91101

MATERIAL		UNLESS OTHERWISE SPECIFIED	
See notes		FRACTIONAL	DECIMAL
		+/- 1/32	.XX +/- 0.01
		.XXX +/- 0.002 GOAL	
		.XXX +/- 0.005 REQD	
EST WEIGHT		BREAK SHARP EDGES MACHINED SURFACES 125	
		ALL DIMENSIONS IN INCHES	
SCALE		P lanet	
4:1		F nder	
		S pectrograph	
		Slit Mask	
DWN	CRANE	3/24/2006	
APVD		SHEET	DRAWING NUMBER
	BY	A	PFS06001-1
	DATE	SHT 1	REV
		OF 1	1

1	1	Slit Mask
ITEM	QTY	DESCRIPTION
Bill of Material		