

REF
'O' RING 204-090

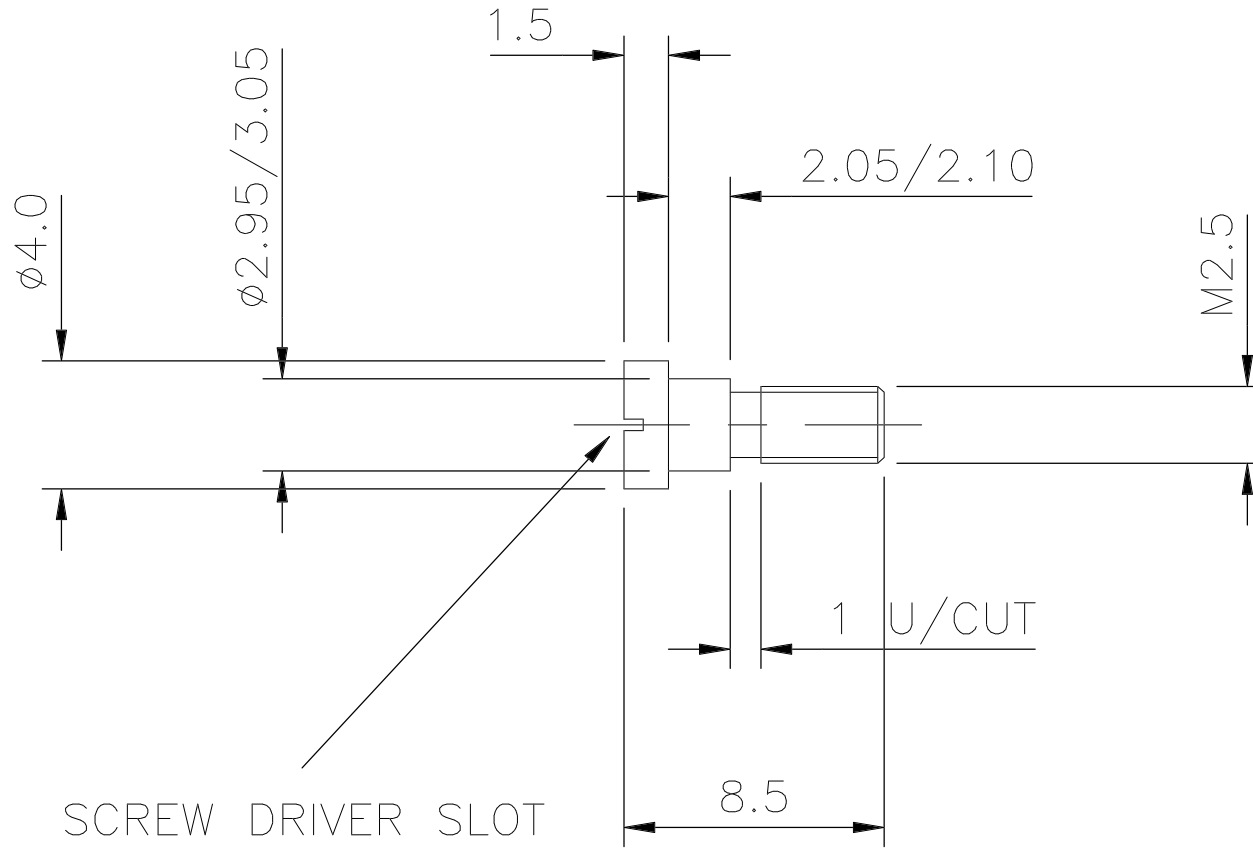
PRELIMINARY
FOR INFORMATION ONLY
SUBJECT TO CHANGE
10/10/97
PRELIMINARY ISSUE: 1
DO NOT USE THIS DRAWING FOR
PROCUREMENT OR MANUFACTURE.

REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE
1		PMH	N/A	N/A	N/A	10/10/97
ISSUE DESCRIPTION						

UNLESS OTHERWISE STATED
DIMENSIONS ARE IN mm
GENERAL TOLERANCE: ± 0.2
ANGULAR TOLERANCE: ± 0.2
SURFACE FINISH: 3.2/
(MICRONS)
REMOVE ALL SHARP EDGES
DO NOT SCALE THIS DRAWING

MATERIAL
SPECTROSIL 'B'
FINISH
USED ON
RA 1200

ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM		PPARC	
TITLE WINDOW			
ORIGINAL SHEET A4	LOCATION N/A	DWG. No. RA 1204	REV 1
ORIGINAL SCALE FULL			SHEET 1 OF 1



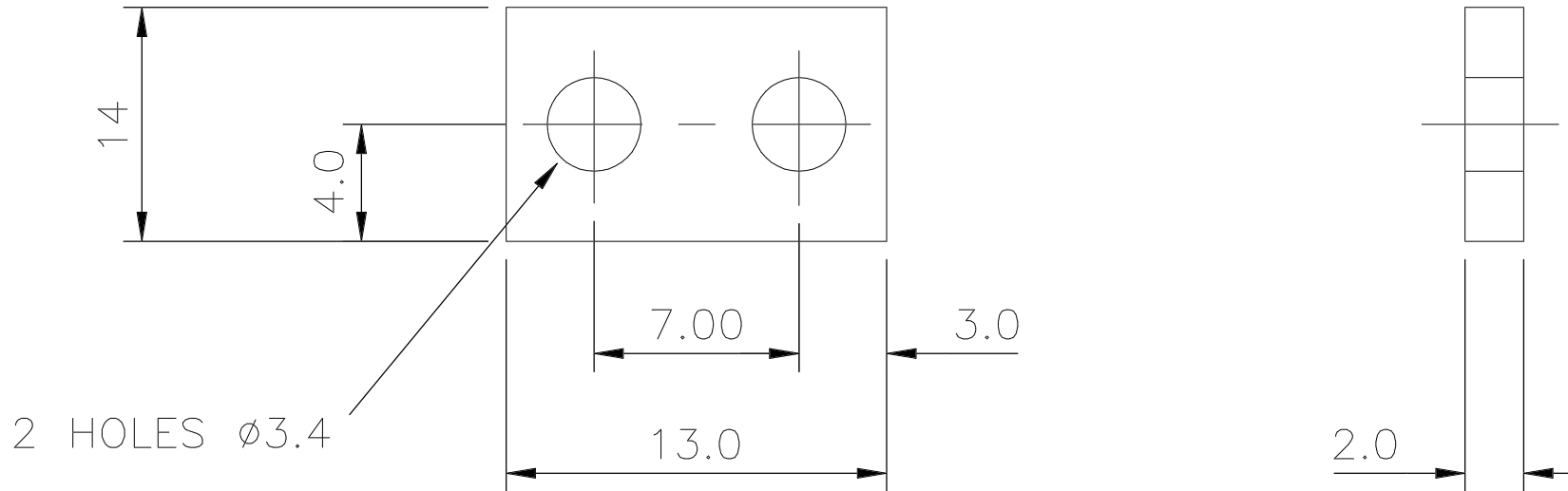
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ISSUE DESCRIPTION						



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 ANGULAR TOLERANCE: ± 0.2
 SURFACE FINISH: 3.2/
 (MICRONS)
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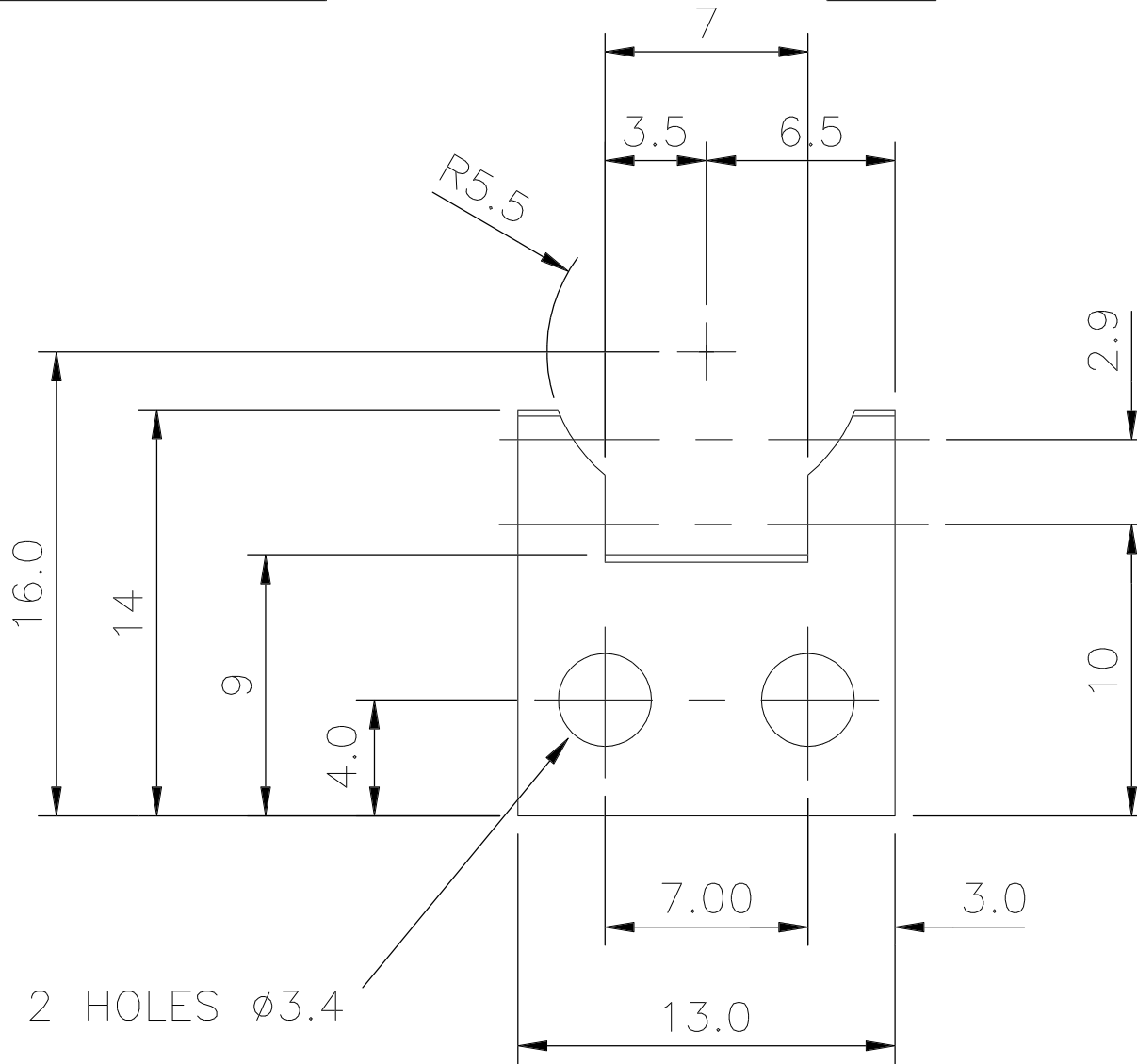
MATERIAL
 STAINLESS STEEL
 FINISH
 BLK NIC PLATE
 USED ON
 RA 1200

		ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM			
TITLE SHOULDER SCREW					
ORIGINAL SHEET A4	LOCATION N/A	DWG. No. RA 1208	REV 1		
ORIGINAL SCALE 4:1				SHEET 1 OF 1	

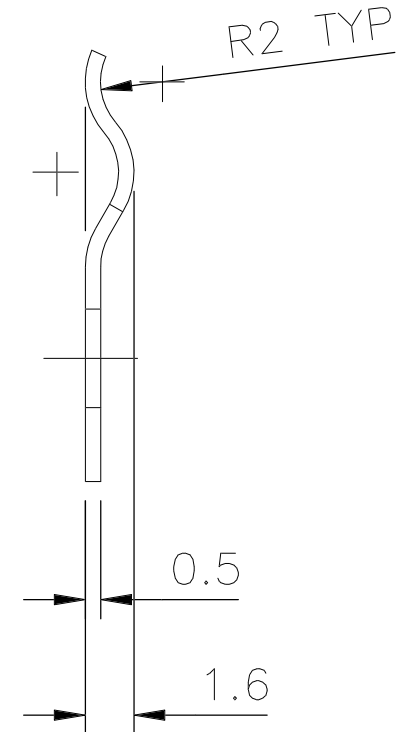


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							UNLESS OTHERWISE STATED	MATERIAL ALUM ALLOY	 ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM 			
							DIMENSIONS ARE IN mm	FINISH BLK ANODISE	TITLE PACKER			
							GENERAL TOLERANCE: ± 0.3	USED ON RA 1200	ORIGINAL SHEET A4	LOCATION N/A	DWG. No. RA 1207	REV 1
							ANGULAR TOLERANCE: ± 0.3					
							SURFACE FINISH: 3.2/ (MICRONS)					
1		PMH	N/A	N/A	N/A	10/10/97	REMOVE ALL SHARP EDGES					
REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE	DO NOT SCALE THIS DRAWING	ORIGINAL SCALE	4:1	SHEET 1 OF 1		
ISSUE DESCRIPTION												




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ISSUE DESCRIPTION						

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 DIMENSIONS ARE IN mm
 GENERAL TOLERANCE: ± 0.3
 ANGULAR TOLERANCE: ± 0.3
 SURFACE FINISH: 3.2/
 (MICRONS)
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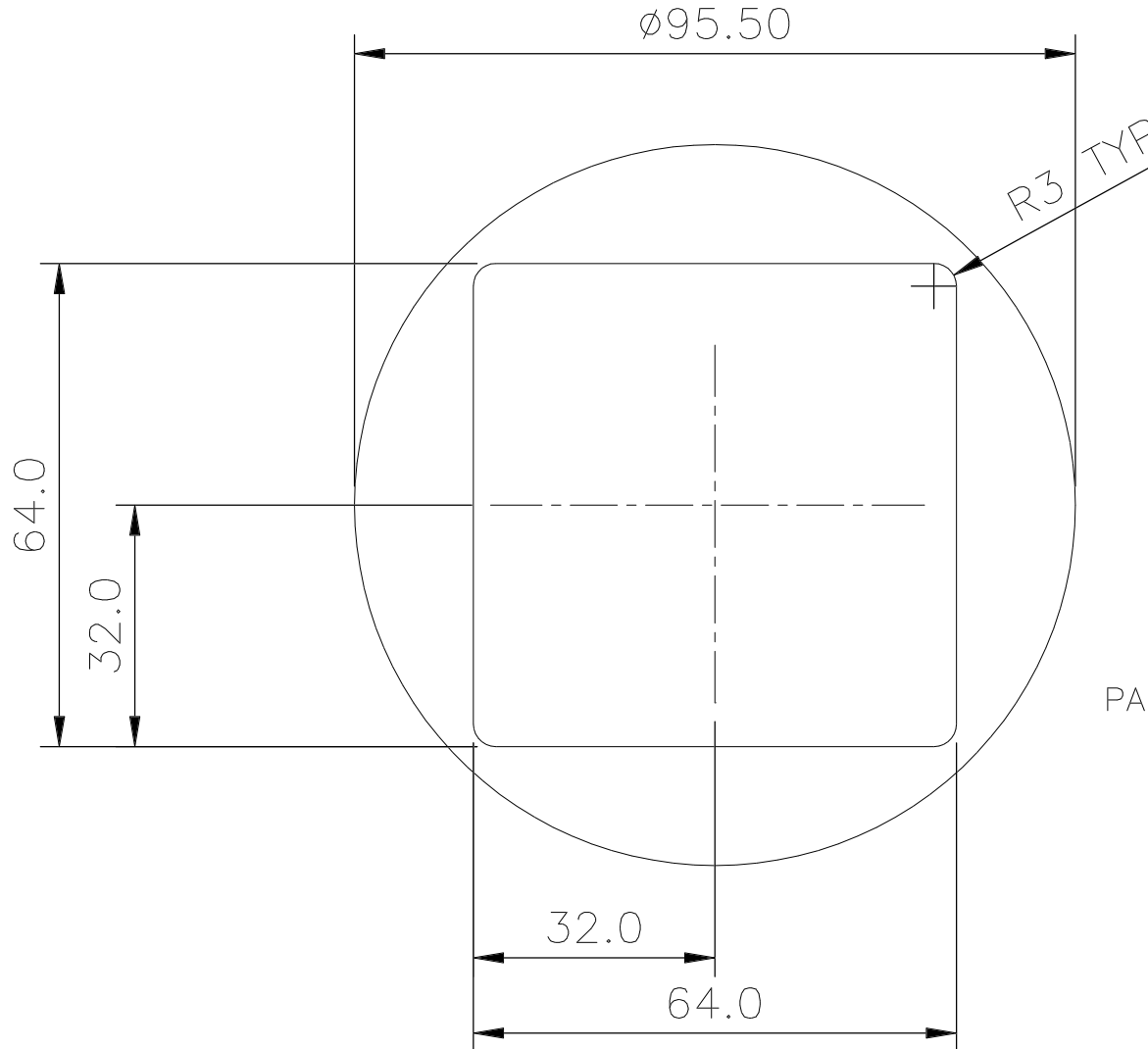
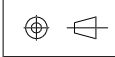
MATERIAL
 FINISH
 USED ON RA 1200


ROYAL GREENWICH OBSERVATORY
 MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM



TITLE
 LEAF SPRING

ORIGINAL SHEET A4	LOCATION N/A	DWG. No. RA 1206	REV 1
ORIGINAL SCALE 4:1	SHEET 1 OF 1		



PAINT MATT BLACK BOTH SIDES

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1		PMH	N/A	N/A	N/A	10/10/97
ISSUE DESCRIPTION						

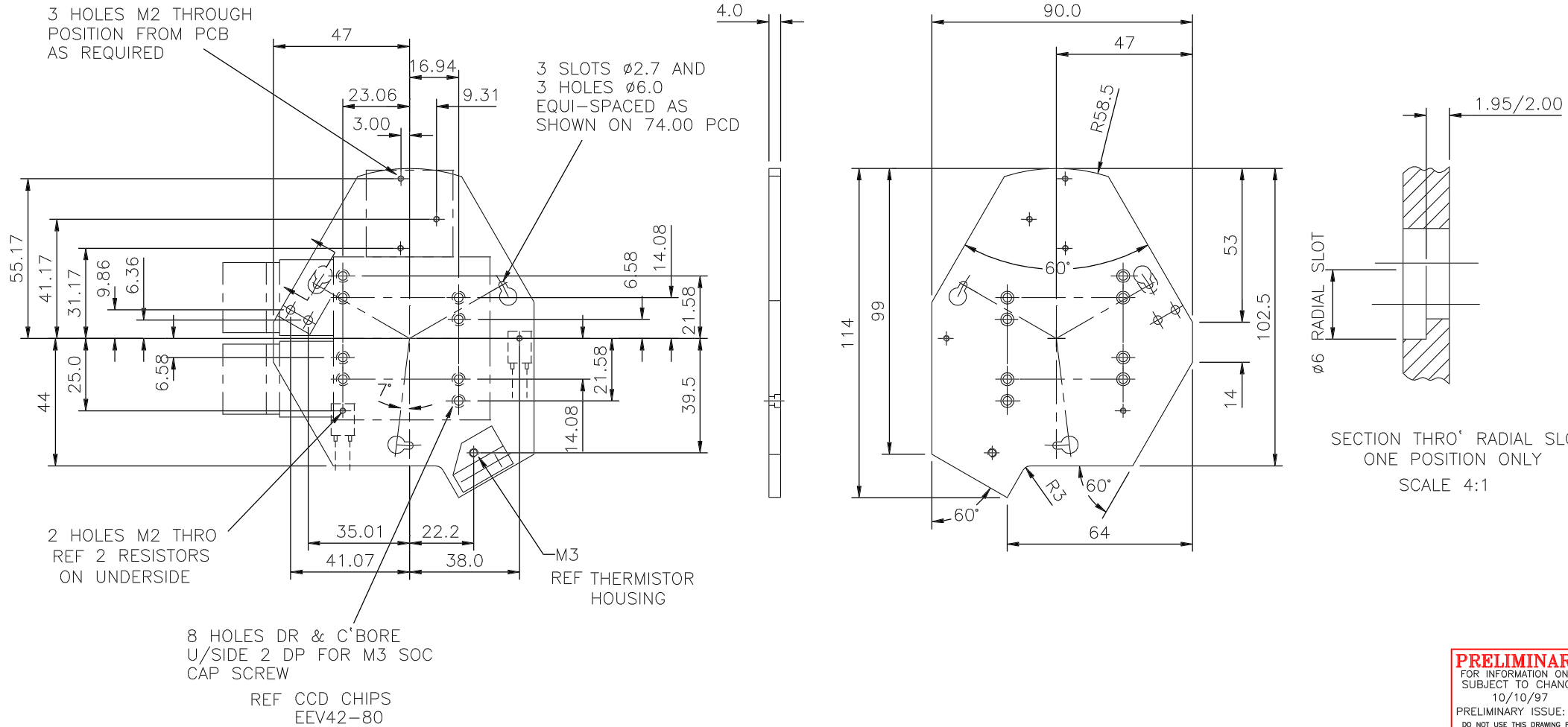
UNLESS OTHERWISE STATED
 DIMENSIONS ARE IN mm
 GENERAL TOLERANCE: ± 0.2
 ANGULAR TOLERANCE: ± 0.2
 SURFACE FINISH: 3.2/
 (MICRONS)
 REMOVE ALL SHARP EDGES
 DO NOT SCALE THIS DRAWING

MATERIAL
 BERL. COPPER
 0.50mm THICK
 FINISH
 SEE DRAWING
 USED ON
 RA 1200

		ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM			
TITLE			MASK		
ORIGINAL SHEET	LOCATION	DWG. No.		REV	
A4	N/A	RA 1205		1	
ORIGINAL SCALE	FULL			SHEET 1 OF 1	



VIEW ON CHIP MOUNTING SIDE



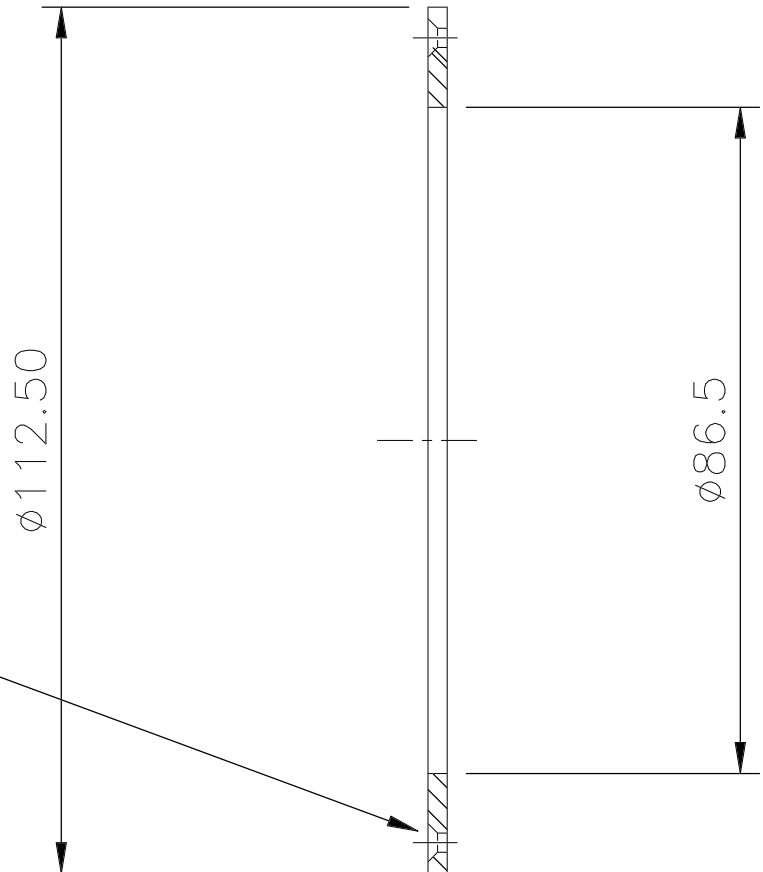
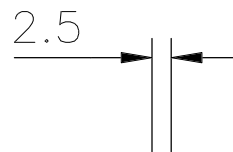
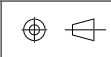
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REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE
1		PMH	N/A	N/A	N/A	10/10/97
ISSUE DESCRIPTION						

UNLESS OTHERWISE STATED
 DIMENSIONS ARE IN mm
 GENERAL TOLERANCE: ± 0.2
 ANGULAR TOLERANCE: ± 0.2
 SURFACE FINISH: 1.6/
 (MICRONS) $\sqrt{\quad}$
 REMOVE ALL SHARP EDGES
 DO NOT SCALE THIS DRAWING

MATERIAL	INVAR
FINISH	CLEAN
USED ON	RA 1200

ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM		
TITLE BASE PLATE (2 CHIP)		
ORIGINAL SHEET	LOCATION	DWG. No.
A2	N/A	RA 1209
ORIGINAL SCALE	FULL	SHEET 1 OF 1



8 HOLES DR & C'SINK FOR
M2.5 CSK SCREW EQUI-
SPACED ON 104.50 PCD

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REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE
1		PMH	N/A	N/A	N/A	10/10/97

UNLESS OTHERWISE STATED

DIMENSIONS ARE IN mm
GENERAL TOLERANCE: ± 0.2
ANGULAR TOLERANCE: ± 0.2
SURFACE FINISH: 3.2/
(MICRONS) ✓

REMOVE ALL SHARP EDGES

DO NOT SCALE THIS DRAWING

MATERIAL
ALUM ALLOY

FINISH
BLK ANODISE

USED ON
RA 1200



ROYAL GREENWICH OBSERVATORY
MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM

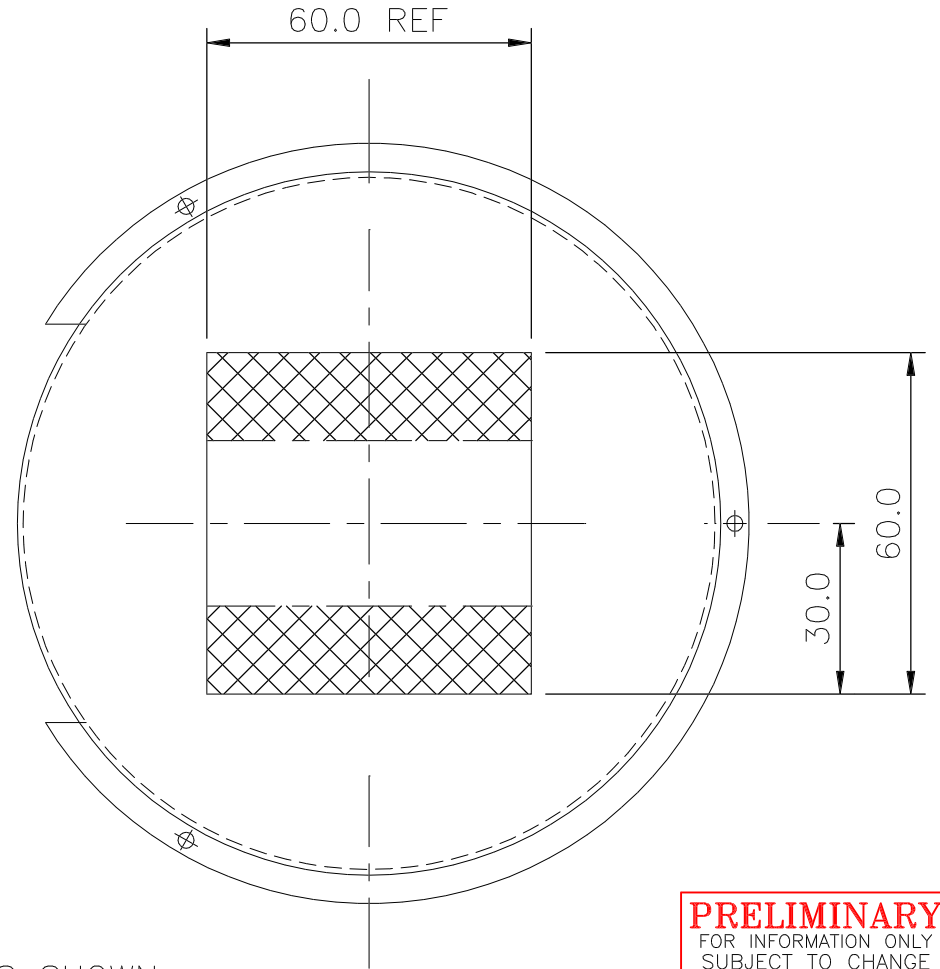
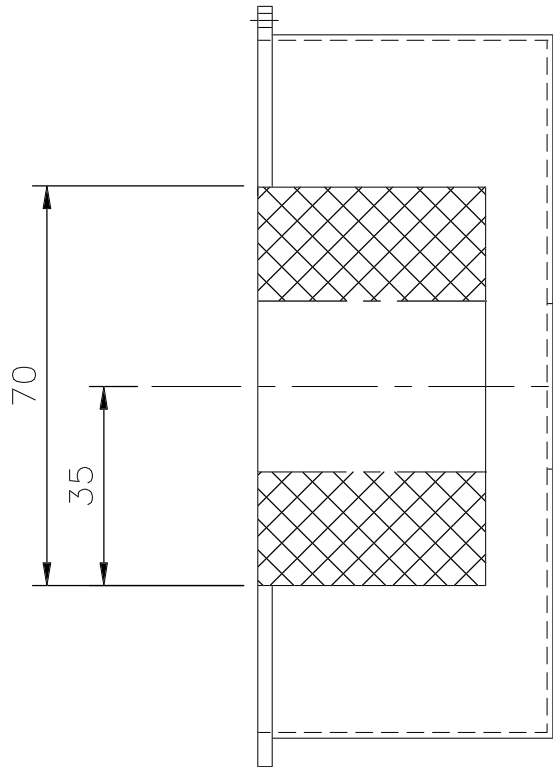


TITLE WINDOW RETAINER		ORIGINAL SHEET A4	LOCATION N/A	DWG. No. RA 1203	REV 1
ORIGINAL SCALE FULL				SHEET 1 OF 1	

DWG. No.



RA 1202

DRAWING NOT REGISTERED ON DOCUMENT MANAGEMENT SYSTEM



INCREASE APERTURES AS SHOWN

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							UNLESS OTHERWISE STATED	MATERIAL	 ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM					
							DIMENSIONS ARE IN mm	RA 1003	TITLE					
							GENERAL TOLERANCE: ± 0.3		RADIATION SHIELD					
							ANGULAR TOLERANCE: ± 0.3		MODIFICATION DRAWING					
							SURFACE FINISH: 3.2/ (MICRONS) ✓							
							REMOVE ALL SHARP EDGES	USED ON	ORIGINAL SHEET	LOCATION	DWG. No.		REV	
1		PMH	N/A	N/A	N/A	10/10/97	RA 1200	A3	N/A	RA 1202		1		
REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE		ORIGINAL SCALE	FULL			SHEET 1 OF 1		
ISSUE DESCRIPTION							DO NOT SCALE THIS DRAWING							

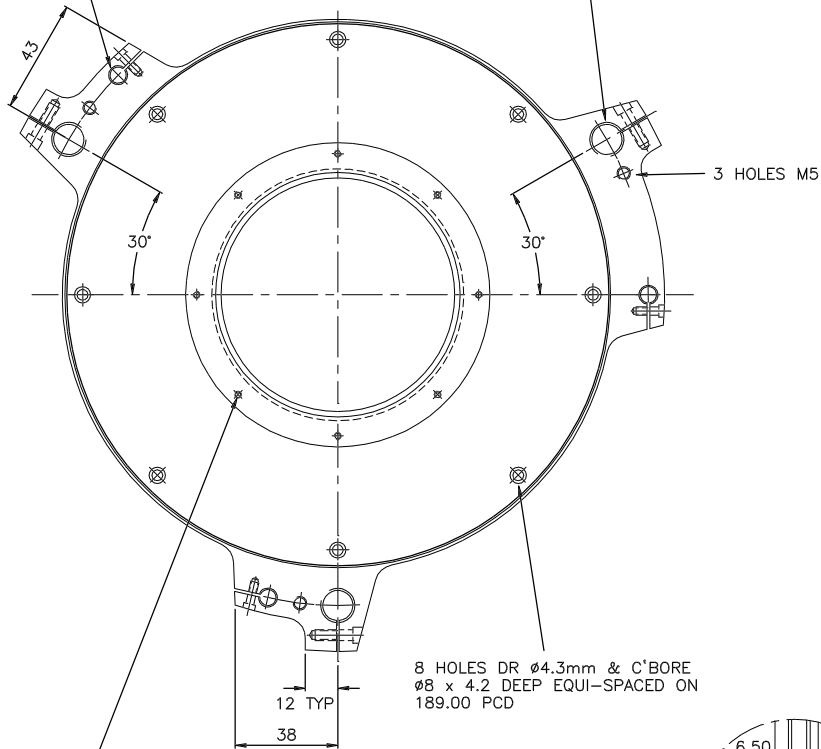


3 HOLES $\phi 6.00/6.02$ THRO
& C'BORE $\phi 7.0 \times 4$ DEEP

CLEAN THREADS AFTER ANODISING
3 HOLES TAP 40 TPI
1/2 INCH BSW FORM

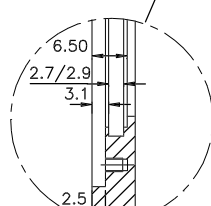
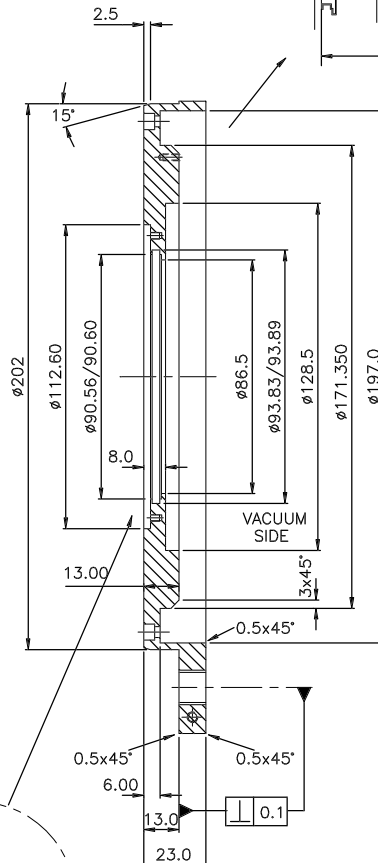
MASK ANODISING

3 HOLES DR,TAP & C'BORE
2 DEEP FOR M3 CAP SCREW



8 HOLES DR & TAP M2.5 x 3 DEEP
EQUI-SPACED ON 104.5 PCD
MUST NOT BREAK THRO'
GROUP RADIAL POSITION NOT IMPORTANT

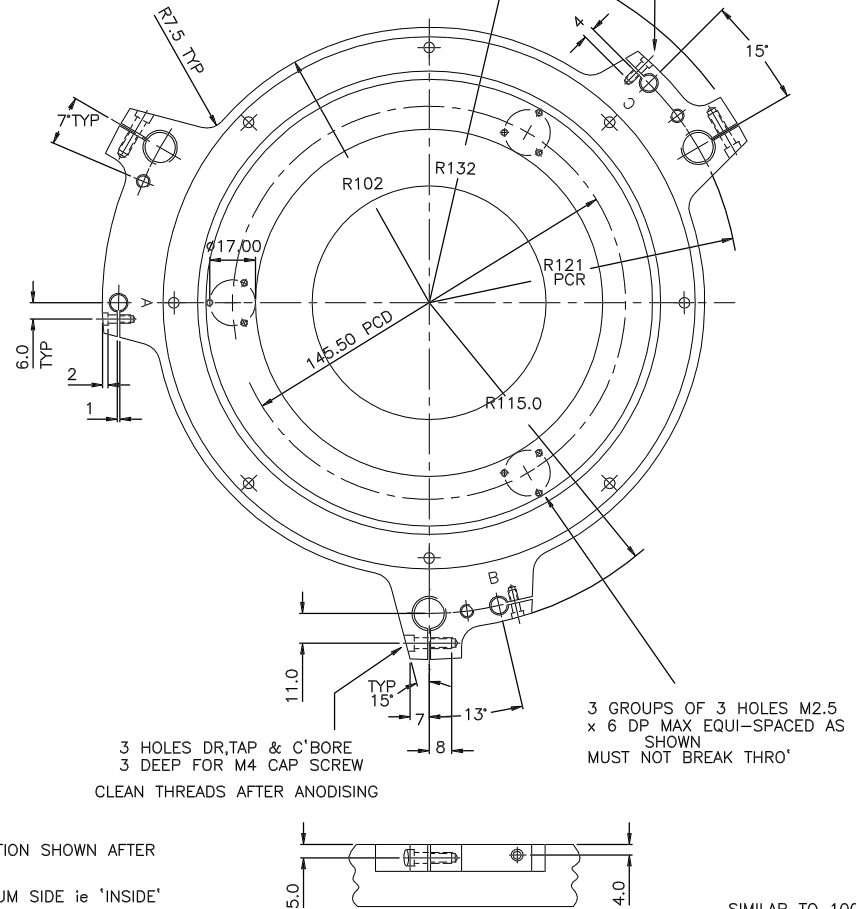
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SCALE 2/1

NOTE

ENGRAVE A,B & C IN POSITION SHOWN AFTER ANODISING.
DO NOT ANODISE ON VACUUM SIDE ie 'INSIDE' OF $\phi 171.350$
REF DOWTY 'O' RING 204-080



3 HOLES DR,TAP & C'BORE
3 DEEP FOR M4 CAP SCREW
CLEAN THREADS AFTER ANODISING

3 GROUPS OF 3 HOLES M2.5
x 6 DP MAX EQUI-SPACED AS
SHOWN
MUST NOT BREAK THRO'

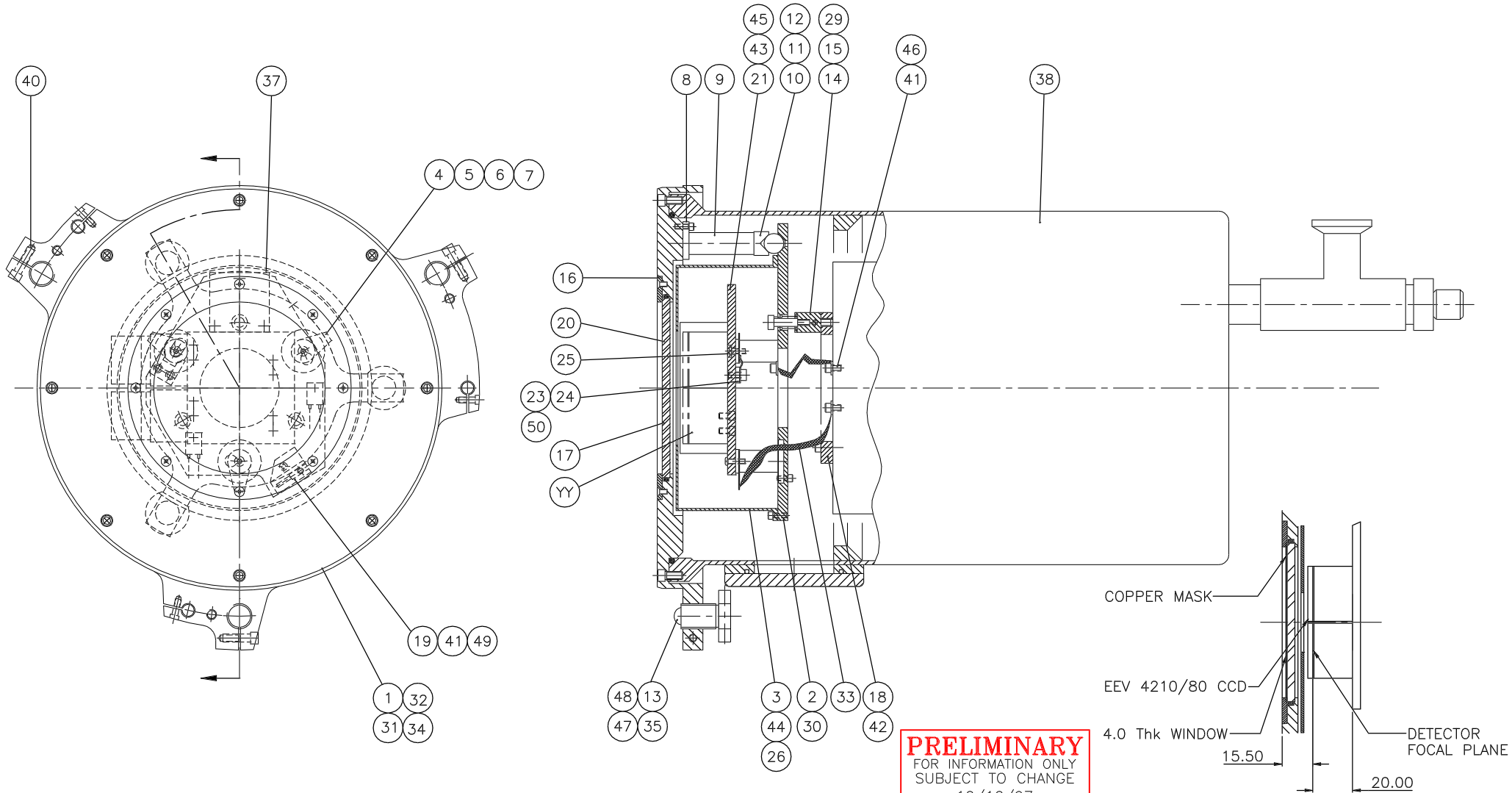
SIMILAR TO 1001

REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE
1		PMH	N/A	N/A	N/A	10/10/97
ISSUE DESCRIPTION						

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DIMENSIONS ARE IN mm
GENERAL TOLERANCE: ± 0.2
ANGULAR TOLERANCE: ± 0.2
SURFACE FINISH: 3.2/ $\sqrt{\text{microns}}$
REMOVE ALL SHARP EDGES
DO NOT SCALE THIS DRAWING

MATERIAL
ALLOY H30-TF
FINISH
SEE DRG
USED ON
RA 1200

		ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM			
TITLE		CRYOSTAT FRONT FLANGE			
ORIGINAL SHEET	LOCATION	DWG. No.		REV	
A1	N/A	RA 1201		1	
ORIGINAL SCALE	FULL	SHEET		1 OF 1	





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ISSUE DESCRIPTION						

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 ANGULAR TOLERANCE: ± 0.2
 SURFACE FINISH: 3.2/
 (MICRONS)
 REMOVE ALL SHARP EDGES
 DO NOT SCALE THIS DRAWING

MATERIAL
 FINISH
 USED ON


ROYAL GREENWICH OBSERVATORY
 MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM



TITLE
 EEV THIN 2 CHIP MOSAIC CRYOSTAT CAMERA

ORIGINAL SHEET A1	LOCATION N/A	DWG. No. RA 1200	REV 1
ORIGINAL SCALE FULL	SHEET 1 OF 1		