



UMR 7500

Télécopie / Fax

- Date : 16/10/2002
- Destinataire / To : Hen S. THIEL
- De la part de / From : N. KRAUTH
- Nbr. de feuilles à suivre / Number of sheets to follow : 5
- N° télécopie / Fax number : 0049 221 470 5168
- Objet / Object : DSSSD Detector

Marc Krauth

Ingénieur Projeteur

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3,3 balot,

Nae K.

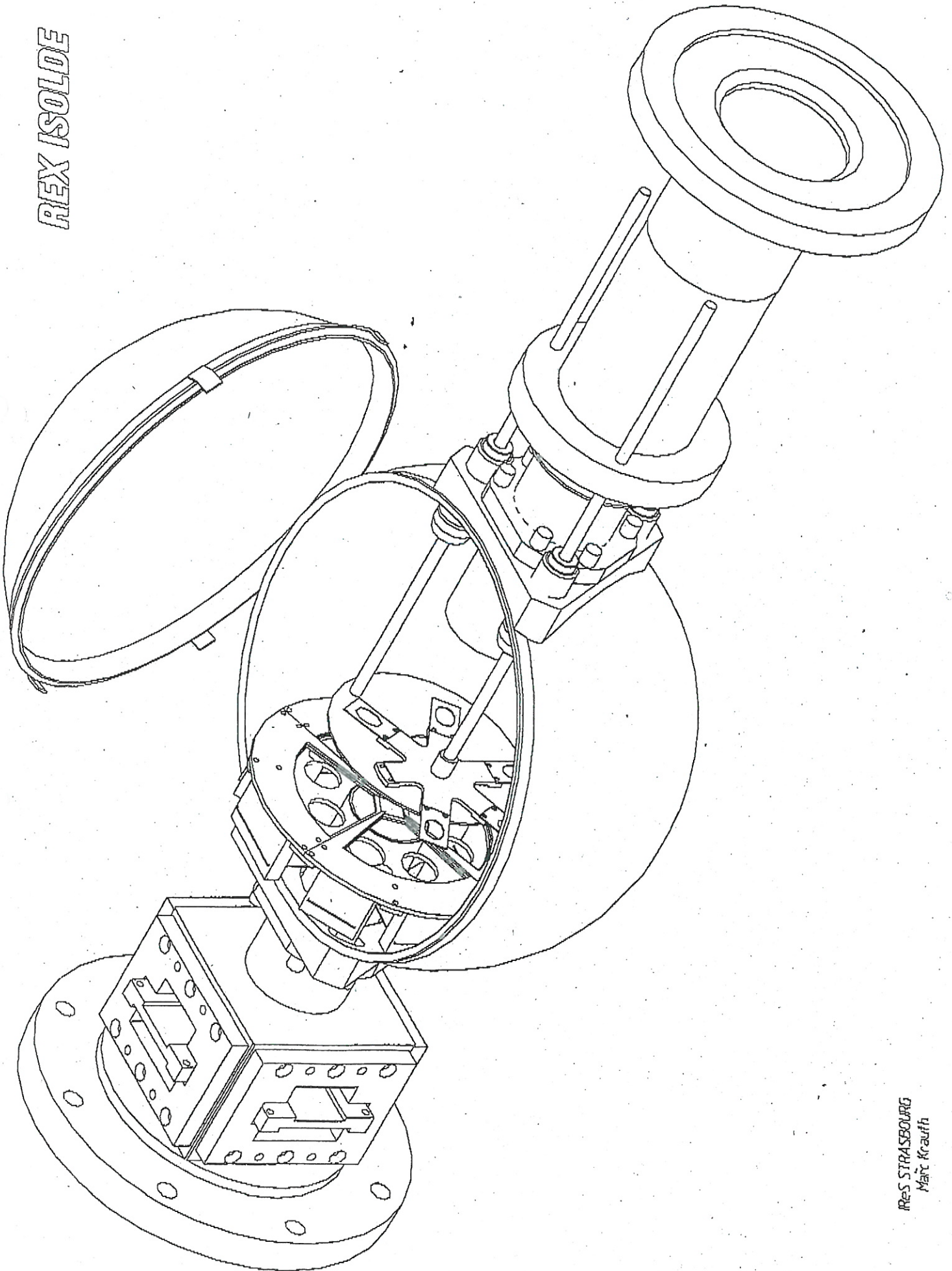
Institut de
Recherches Subatomiques
23 rue du Loess
BP 28
F-67037 Strasbourg cedex 2
Tél. : (33) 03 88 10 6214
Fax : (33) 03 88 10 6292
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IN2P3
CENTRE NATIONAL DE RECHERCHE
INSTITUT NATIONAL DE PHYSIQUE NUCLEAIRE
ET DE PHYSIQUE DES PARTICULES

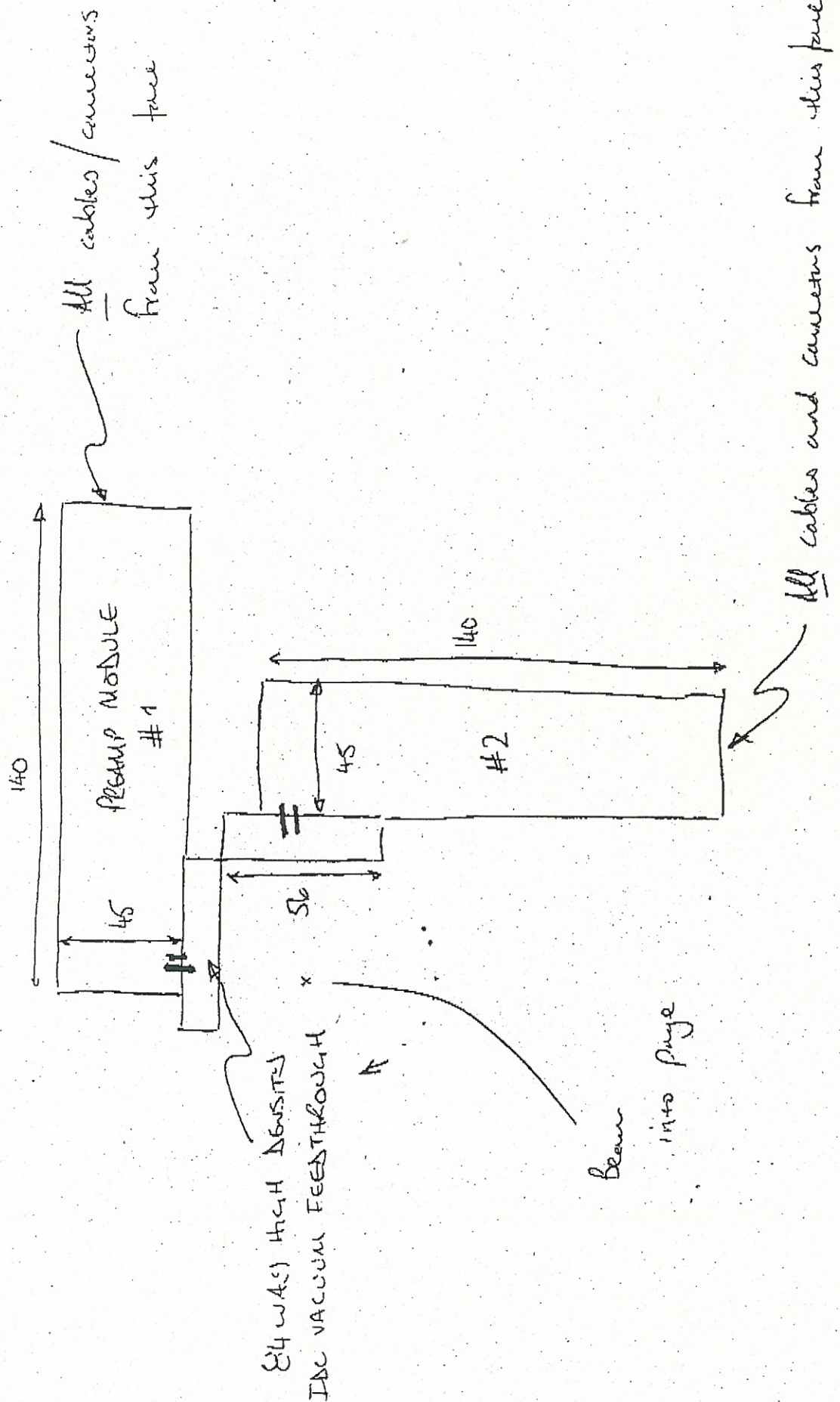


REX ISOLDE

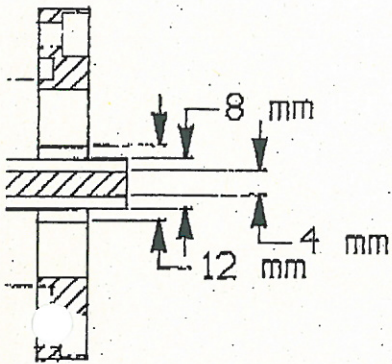


FOUR (4) RESAMPLER MODULES REQUIRED / 40 CHANNELS PER MODULE

DIMENSIONS		
WIDTH	HEIGHT	LENGTH
100 mm	45 mm	140 mm

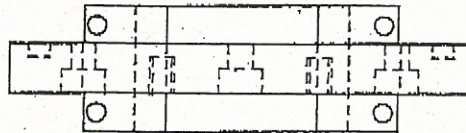
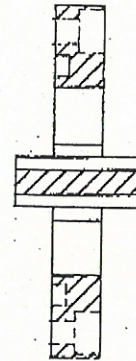
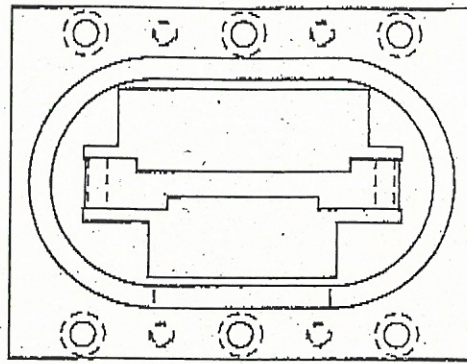


1155 3.53mm Sec



- 4.1mm Dia 6 off C/B

--M4 x 6mm Deep 4 off



--- 3.1mm Dia 4 off

A	-			
ISSUE	No.	DATE	DRN.	CHK'D
REVISION				

T DL	EDINBURGH UNIVERSITY	DEPT. PHYSICS & ASTRONOMY
10-97	TITLE 84 Way High Density I.D.C. Feed Thro	DRWG No. A3/ 018-09-01 SHEET OF

DRG
NO

A- 2255

PLAN VIEW

[FROM SURFACE OF ASSEMBLY]

CLEARANCE FOR Ø2.0 MM SCREWS
Ø3.7 MM HEAD
[5 POS'N]

SILICON DETECTOR MUST NOT
PROTRUDE BEYOND EDGE OF
PRINTED CIRCUIT BOARD

0.4
0.6

U/S Ø0.025 IN WIRE BONDS
FRONT SURFACE [P+V JUNCTION SIDE] 17 BONDS
REAR SURFACE [NN- OHMIC SIDE] 25 BONDS

SILICON DETECTOR DIE
[REF. DAV.5F]

DRAWN

MIL

CHECKED

ADL

DES APD

DATE CODE

TOLERANCES UNLESS STATED

MATERIAL & SPEC

±0.1

T-043 P.006/007 F-113

+0388106615

DE-RES GIM STRASBOURG

2002 13:28

HIGH DENSITY IDC 0.025 IN. STRAIGHT HEADER
50 WAY.
THOMAS & BETTS LIST NO. 618-032
BODY OF HEADER ON FRONT SURFACE (P+N SIDE)
BUMP POLARISATION AT SILICON DETECTOR EDGE

GROUND PLANE
BOTH SURFACES
[OUTLINE ONLY]

HIGH DENSITY IDC 0.025 IN. STRAIGHT HEADER
34 WAY.
THOMAS & BETTS LIST NO. 618-019
BODY OF HEADER ON FRONT SURFACE (P+N SIDE)
BUMP POLARISATION AT SILICON DETECTOR EDGE

PRINTED CIRCUIT BOARD
[REF: DWG. NO A-2254]

DAV-RING ASSEMBLY DRAWING

MICRON SEMICONDUCTOR LIMITED

1 Royal Buildings, Marlborough Road, Churchill Industrial Estate, Lancing
Sussex BN15 8UN
UK

T-043 P-007/007 F-113

+0388188615

2002 13:28 DE-RES GIM STRASBOURG
A-2255
DWG 1
MM