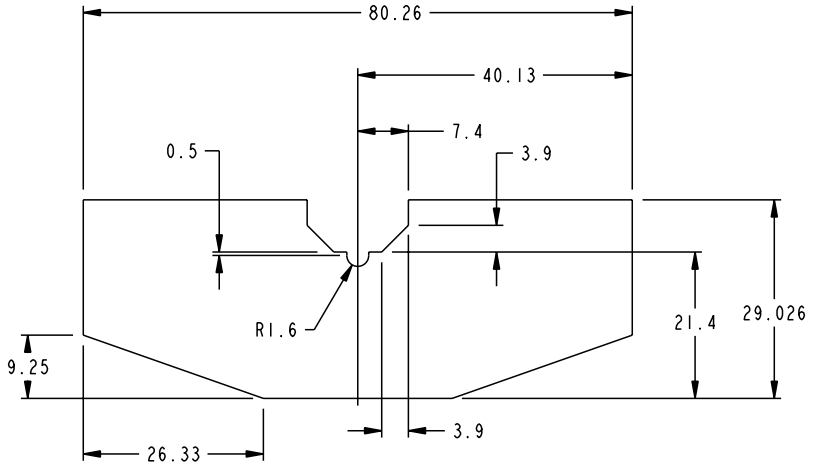
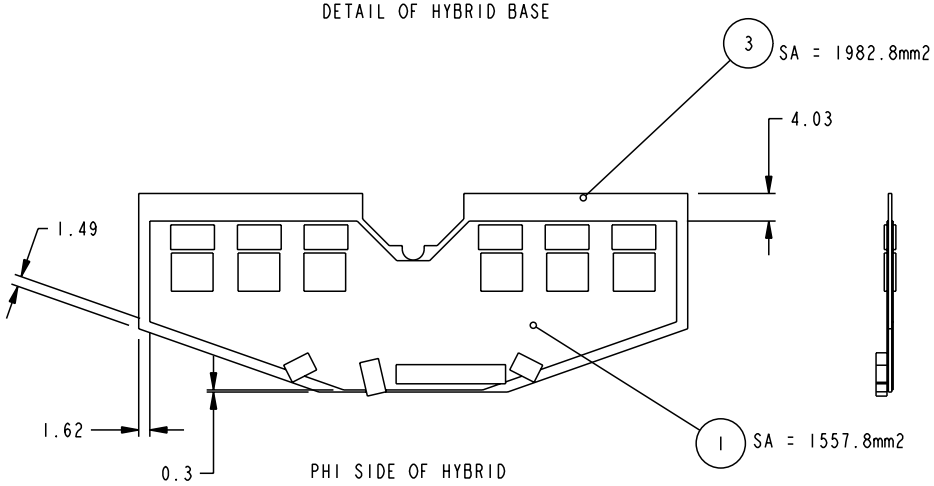
THIRD ANGLE PROJECTION

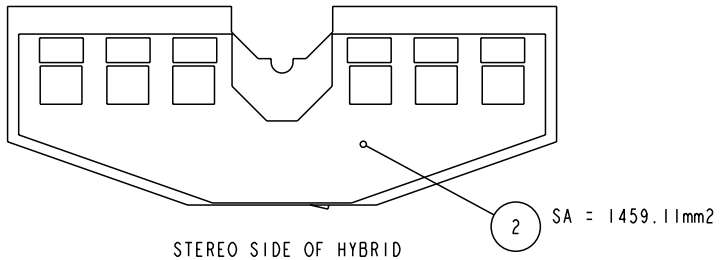
ITEM	PART/CAD No	DWG TITLE	MATERIAL	REMARK	QTY
1	NP27-03-116-01	PHI HYBRID	GLASS/GOLD	-	1
2	NP27-03-116-03	STEREO HYBRID	GLASS/GOLD	-	1
3	NP27-03-116-02	HYBRID BASE	BeO	0.5mm THICK	1



DETAIL OF HYBRID BASE



PHI SIDE OF HYBRID



STEREO SIDE OF HYBRID

ISSUE	DATE	NAME	DESCRIPTION
D	13-Oct-98	P.SUTCLIFFE	HYBRID WITH 7.4 WAS 6.3
C	18-Aug-98	P.SUTCLIFFE	HYBRID BASE SIZE INCREASED SLIGHTLY
B	12-June-98	P.SUTCLIFFE	FAN-IN CONTACT AREA INCREASED
A	12-May-98	P.SUTCLIFFE	FIRST ISSUE
MODIFICATIONS			

UNLESS OTHERWISE SPECIFIED:-
ALL DIMENSIONS IN MILLIMETRES
SURFACE TEXTURE VALUES IN MICROMETRES
SURFACE TEXTURE TO BE ☐ ✓
MACHINE ALL OVER OR WHERE MARKED ✓
REMOVE BURRS AND BREAK SHARP EDGES

METRIC SCREW THREADS TO BS3643 CLASS 6H/6g
TOLERANCES UNLESS OTHERWISE SPECIFIED
MACHINED ±
ANGULAR ±
DO NOT SCALE

DRAWING PRACTICE AND TOLERANCE INTERPRETATION TO BS308

MATERIAL	SEE PARTS
SPEC	SEE PARTS
TREATMENT	NONE
FINISH	NATURAL

WELDING SYMBOLS TO BS 499

DRAWN	P.SUTCLIFFE
DATE	12-May-98
CHECKED	P.SUTCLIFFE
APPROVED	P.SUTCLIFFE

THE UNIVERSITY OF LIVERPOOL
DEPARTMENT OF PHYSICS

PROJECT: ATLAS FORWARD TRACKER

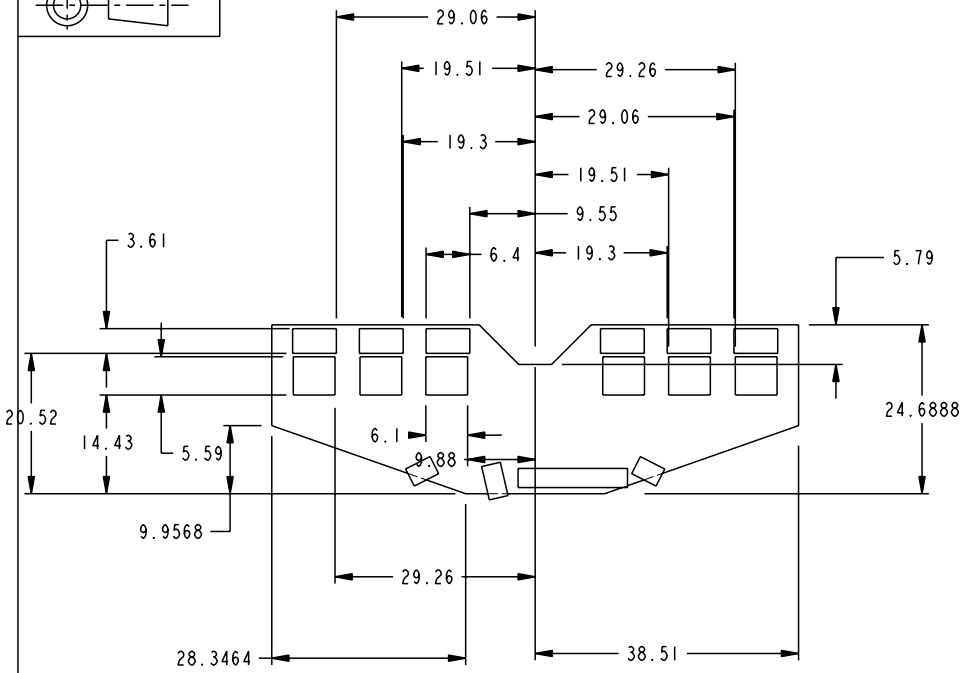
TITLE: HYBRID BASE ASSEMBLY - TPG/BeO

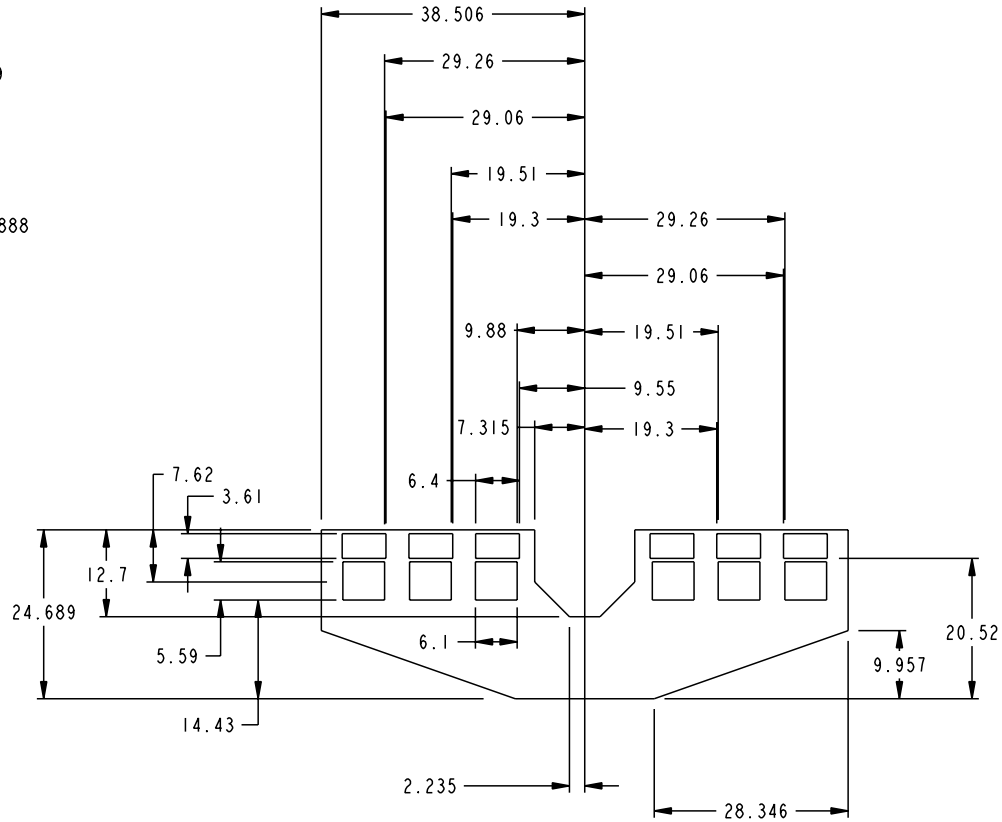
DRAWING NUMBER: **NP27-03-116**

ARRGT. DRAWING: -

SHEET 1 OF 2 SHEETS | SCALE:-2:1 | A2

THIRD ANGLE PROJECTION





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MODIFICATIONS

UNLESS OTHERWISE SPECIFIED:-
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SURFACE TEXTURE VALUES IN MICROMETRES
SURFACE TEXTURE TO BE ·
MACHINE ALL OVER OR WHERE MARKED ✓
REMOVE BURRS AND BREAK SHARP EDGES

METRIC SCREW THREADS TO BS3643 CLASS 6H/6g
TOLERANCES UNLESS OTHERWISE SPECIFIED
MACHINED ±0.145
ANGULAR ±
DO NOT SCALE

DRAWING PRACTICE AND TOLERANCE INTERPRETATION TO BS308

MATERIAL	SEE PARTS
SPEC	SEE PARTS
TREATMENT	NONE
FINISH	NATURAL

WELDING SYMBOLS TO BS 499

DRAWN	P.SUTCLIFFE
DATE	12-May-98
CHECKED	P.SUTCLIFFE
APPROVED	P.SUTCLIFFE

THE UNIVERSITY OF LIVERPOOL
DEPARTMENT OF PHYSICS

PROJECT: ATLAS FORWARD TRACKER

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DRAWING NUMBER: **NP27-03-116**

ARRGT. DRAWING: -

SHEET 2 OF 2 SHEETS | SCALE:-2:1 | A2