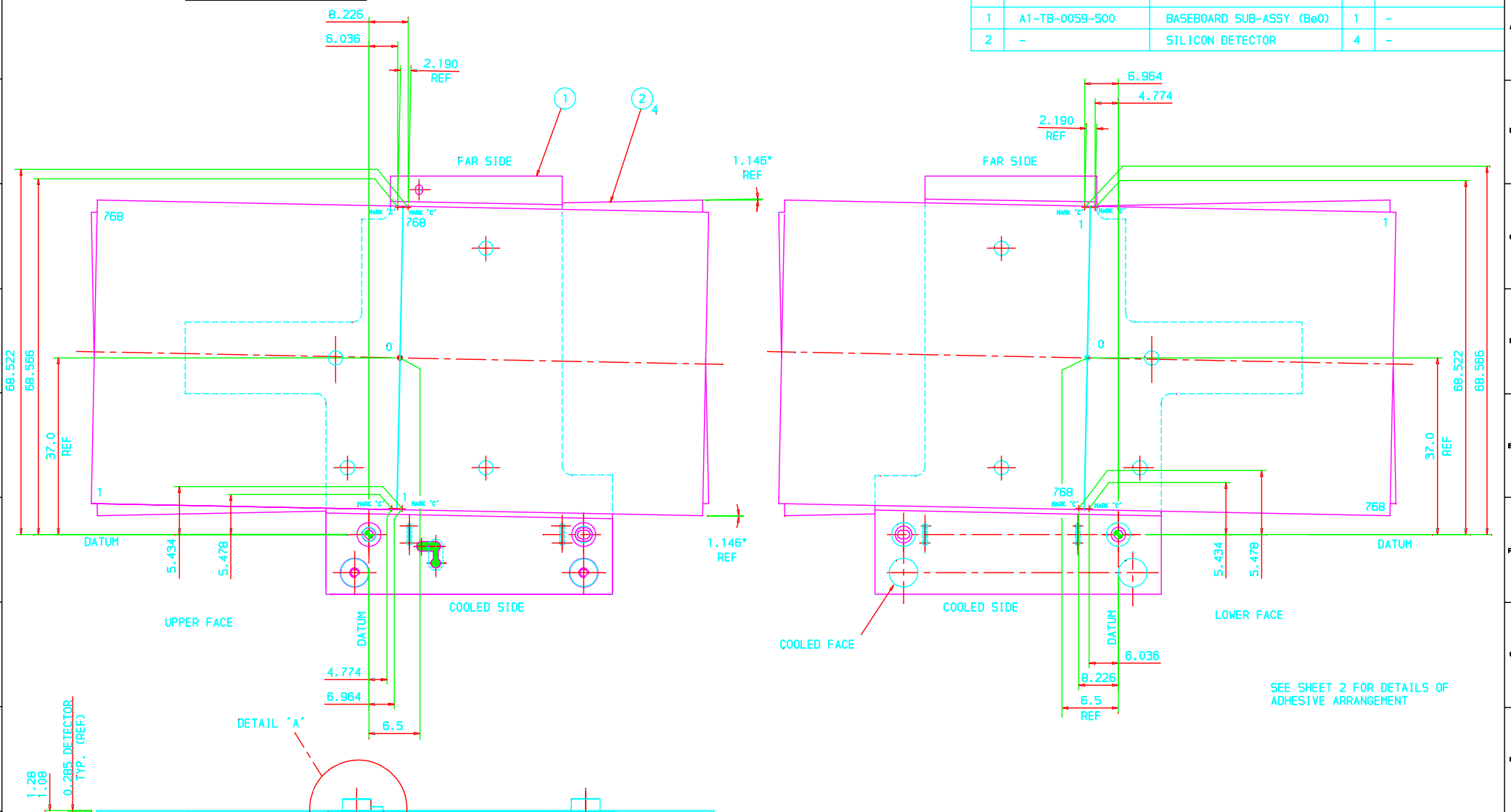
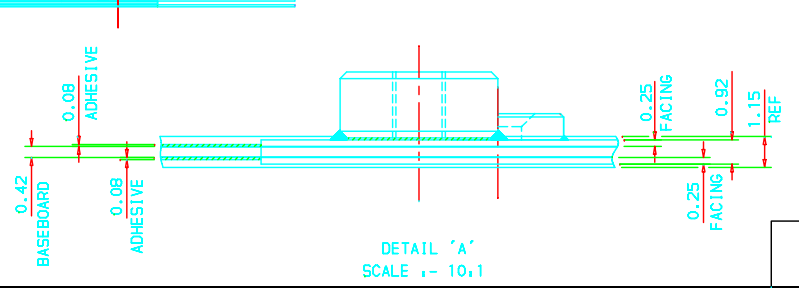


ITEM	DRG. NO.	DESCRIPTION	QTY	REMARKS
1	A1-TB-0059-500	BASEBOARD SUB-ASSY (BeO)	1	-
2	-	SILICON DETECTOR	4	-

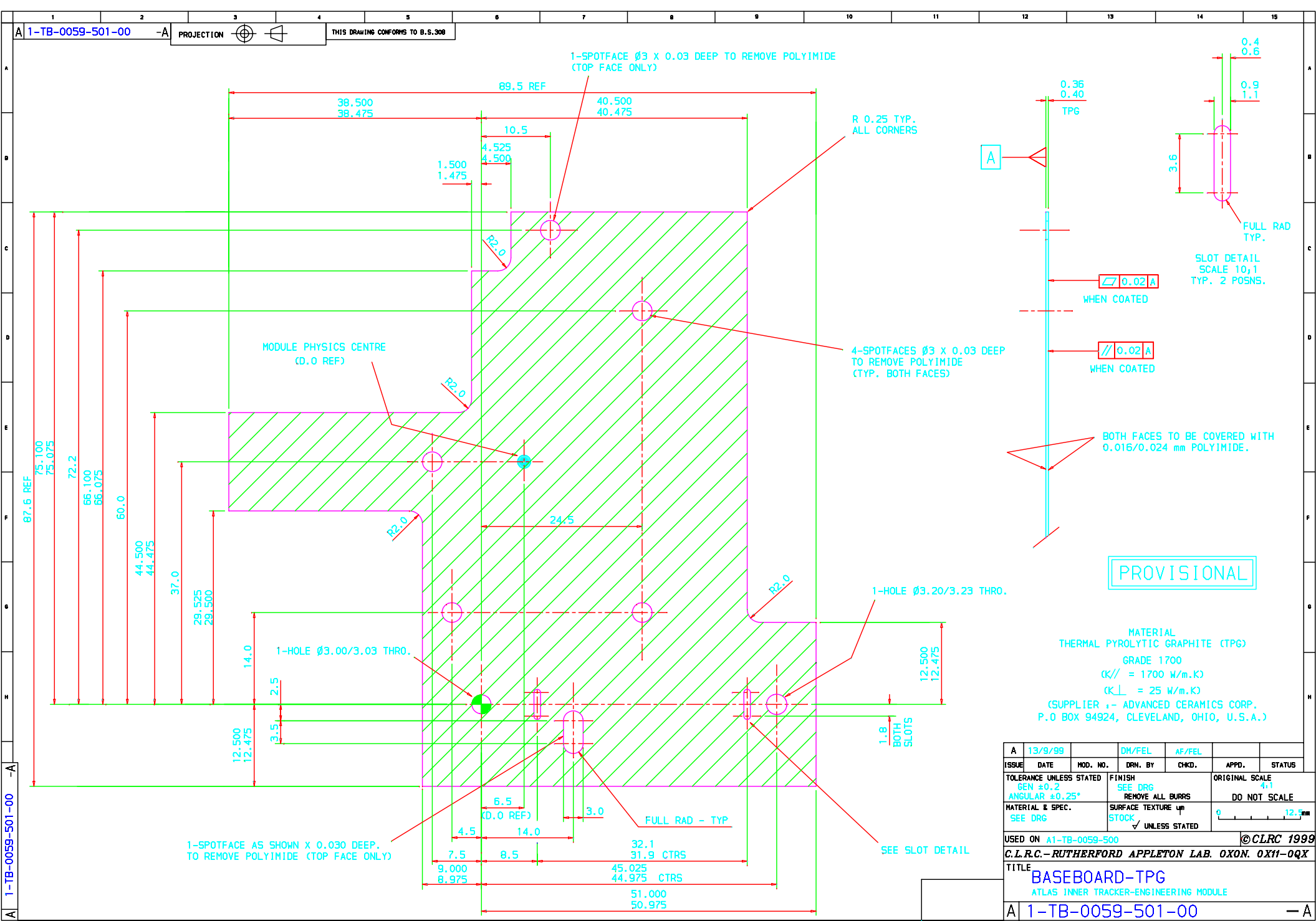


SEE SHEET 2 FOR DETAILS OF ADHESIVE ARRANGEMENT

PROVISIONAL




ISSUE	DATE	MOD. NO.	DRN. BY	CHKD.	APPD.	STATUS
A	13/9/99		DM/FEL	AF/FEL		
TOLERANCE UNLESS STATED			FINISH		ORIGINAL SCALE	
GEN ±0.1			CLEAN		2.5:1	
ANGULAR ±0.1°			REMOVE ALL BURRS		DO NOT SCALE	
MATERIAL & SPEC.			SURFACE TEXTURE μm		0 20 mm	
SEE ITEMS LIST			- UNLESS STATED			
USED ON A1-TB-0059-520						©CLRC 1999
C.L.R.C.-RUTHERFORD APPLETON LAB. OXON. OX11-0QX						
TITLE						
DETECTOR SUB-ASSY (BeO)						
ATLAS INNER TRACKER-ENGINEERING MODULE						
A 1-TB-0059-510-01 -A						



A	13/9/99		DH/FEL	AF/FEL		
ISSUE	DATE	MOD. NO.	DRN. BY	CHKD.	APPD.	STATUS
TOLERANCE UNLESS STATED		FINISH		ORIGINAL SCALE		
GEN ± 0.2		SEE DRG		4:1		
ANGULAR $\pm 0.25^\circ$		REMOVE ALL BURRS		DO NOT SCALE		
MATERIAL & SPEC.		SURFACE TEXTURE μm		0 12.5 mm		
SEE DRG		STOCK		UNLESS STATED		
USED ON A1-TB-0059-500						©CLRC 1999
G.L.R.C.-RUTHERFORD APPLETON LAB. OXON. OX11-0QX						
TITLE						
BASEBOARD-TPG						
ATLAS INNER TRACKER-ENGINEERING MODULE						
A	1-TB-0059-501-00					-A

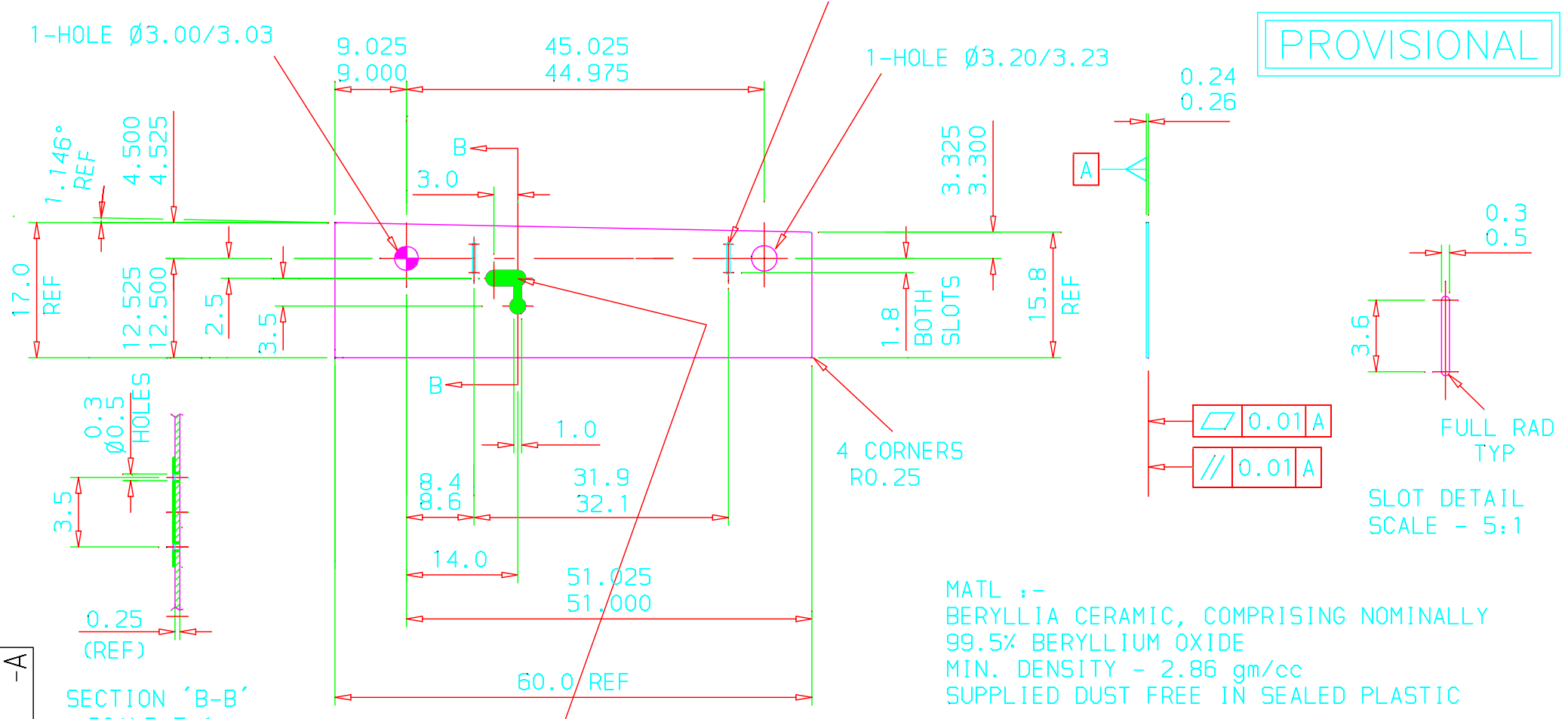
A3-TB-0059-503-00 -A

PROJECTION 

THIS DRAWING CONFORMS TO B.S.308

SEE SLOT DETAIL

PROVISIONAL



MATL :-
 BERYLLIA CERAMIC, COMPRISING NOMINALLY
 99.5% BERYLLIUM OXIDE
 MIN. DENSITY - 2.86 gm/cc
 SUPPLIED DUST FREE IN SEALED PLASTIC

A3-TB-0059-503-00 -A


SECTION 'B-B'
 SCALE 5:1

2-HOLES Ø0.3/0.5 WITH A COMMON
 GOLD PAD ON THE TOP SURFACE ONLY
 SEE SECTION 'B-B'

A	13/9/99		DM/FEL	AF/FEL		
ISSUE	DATE	MOD. NO.	DRN. BY	CHKD.	APPD.	STATUS
USED ON A1-TB-0059-500					©CLRC 1999	
C.L.R.C. - RUTHERFORD APPLETON LAB. OXON. OX11-0QX						

TITLE
 FACING-COOLED SIDE-UPPER
 ATLAS INNER TRACKER-ENGINEERING MODULE (BeO)

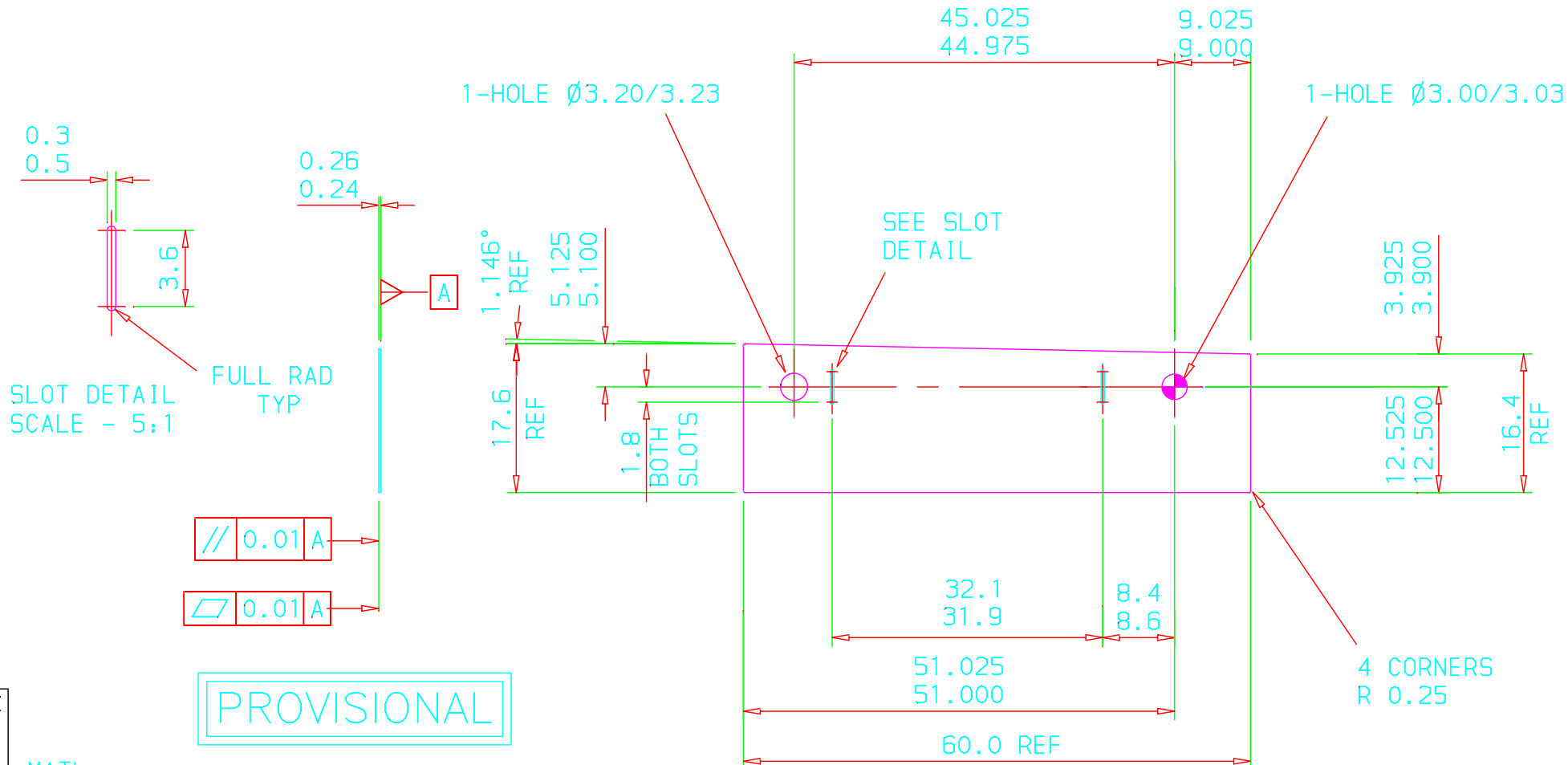
A3-TB-0059-503-00 - A

TOLERANCE UNLESS STATED GEN. ± 0.2	FINISH CLEAN REMOVE ALL BURRS	ORIGINAL SCALE 2:1 DO NOT SCALE
MATERIAL & SPEC. SEE DRG	SURFACE TEXTURE μ m STOCK <input checked="" type="checkbox"/> UNLESS STATED	

A 3-TB-0059-505-00 -A

PROJECTION

THIS DRAWING CONFORMS TO B.S.308



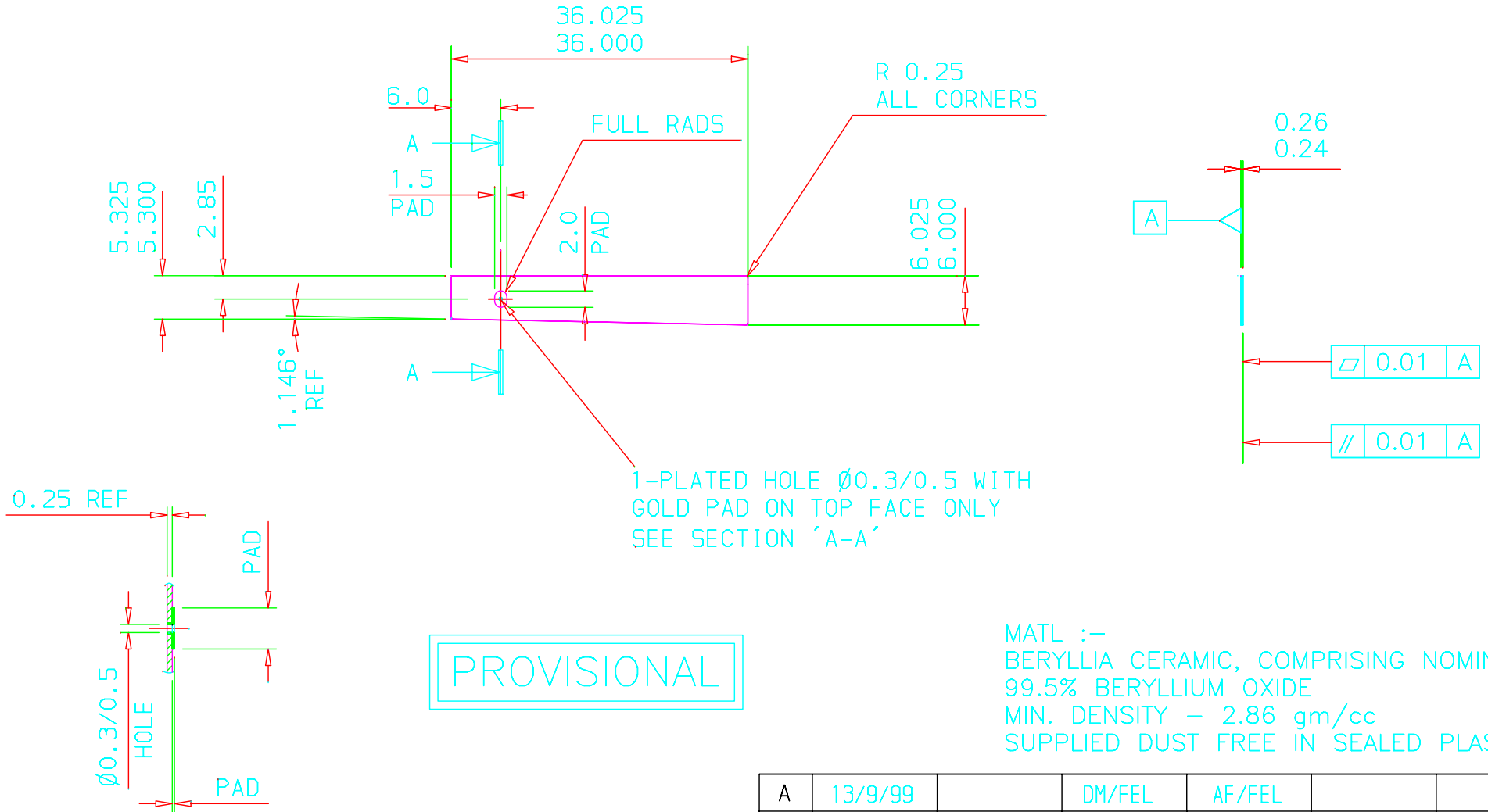
A 3-TB-0059-505-00 -A

MATL :-
 BERYLLIA CERAMIC, COMPRISING NOMINALLY
 99.5% BERYLLIUM OXIDE
 MIN. DENSITY - 2.86 gm/cc
 SUPPLIED DUST FREE IN SEALED PLASTIC

PROVISIONAL

A	13/9/99		DM/FEL	AF/FEL		
ISSUE	DATE	MOD. NO.	DRN. BY	CHKD.	APPD.	STATUS
USED ON A1-TB-0059-500					©CLRC 1999	
C.L.R.C. - RUTHERFORD APPLETON LAB. OXON. OX11-0QX						
TITLE FACING-COOLED SIDE-LOWER ATLAS INNER TRACKER-ENGINEERING MODULE (BeO)						
A	3-TB-0059-505-00					- A

TOLERANCE UNLESS STATED GEN. ± 0.2	FINISH CLEAN REMOVE ALL BURRS	ORIGINAL SCALE 2:1 DO NOT SCALE
MATERIAL & SPEC. SEE DRG	SURFACE TEXTURE μm STOCK <input checked="" type="checkbox"/> UNLESS STATED	



1-PLATED HOLE $\varnothing 0.3/0.5$ WITH GOLD PAD ON TOP FACE ONLY SEE SECTION 'A-A'

PROVISIONAL

MATL :-
 BERYLLIA CERAMIC, COMPRISING NOMINALLY 99.5% BERYLLIUM OXIDE
 MIN. DENSITY - 2.86 gm/cc
 SUPPLIED DUST FREE IN SEALED PLASTIC

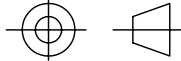
SECTION 'A-A'
 SCALE - 5:1

A3-TB-0059-502-00 -A

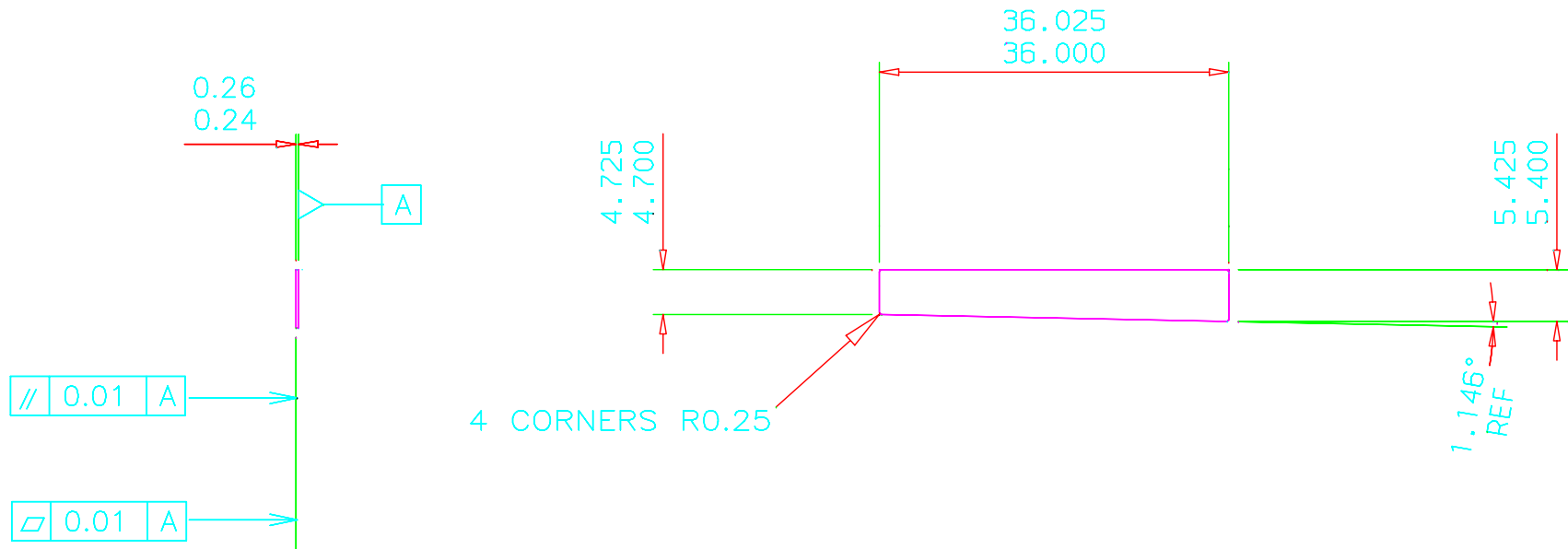
A	13/9/99		DM/FEL	AF/FEL		
ISSUE	DATE	MOD. NO.	DRN. BY	CHKD.	APPD.	STATUS
USED ON A1-TB-0059-500					©CLRC 1999	
C.L.R.C. - RUTHERFORD APPLETON LAB. OXON. OX11-0QX						
TITLE FACING - FAR SIDE - UPPER ATLAS INNER TRACKER-ENGINEERING MODULE (BeO)						
A3-TB-0059-502-00						- A

TOLERANCE UNLESS STATED GEN. ± 0.2	FINISH CLEAN REMOVE ALL BURRS	ORIGINAL SCALE 2:1 DO NOT SCALE
MATERIAL & SPEC. SEE DRG	SURFACE TEXTURE μm STOCK <input checked="" type="checkbox"/> UNLESS STATED	

A 3-TB-0059-504-00 -A

PROJECTION 

THIS DRAWING CONFORMS TO B.S.308



PROVISIONAL

MATL :-
 BERYLLIA CERAMIC, COMPRISING NOMINALLY
 99.5% BERYLLIUM OXIDE
 MIN. DENSITY - 2.86 gm/cc
 SUPPLIED DUST FREE IN SEALED PLASTIC

A 3-TB-0059-504-00 -A

A	13/9/99		DM/FEL	AF/FEL		
ISSUE	DATE	MOD. NO.	DRN. BY	CHKD.	APPD.	STATUS
USED ON A1-TB-0059-500					©CLRC 1999	
C.L.R.C.-RUTHERFORD APPLETON LAB. OXON. OX11-0QX						
TITLE FACING-FAR SIDE-LOWER (BeO) ATLAS INNER TRACKER-ENGINEERING MODULE						
A	3-TB-0059-504-00					- A

TOLERANCE UNLESS STATED GEN. ± 0.2	FINISH CLEAN REMOVE ALL BURRS	ORIGINAL SCALE 2:1 DO NOT SCALE
MATERIAL & SPEC. SEE DRG	SURFACE TEXTURE μm STOCK <input checked="" type="checkbox"/> UNLESS STATED	