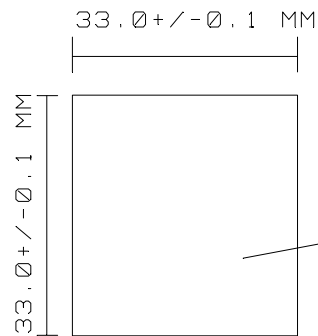


RADIUS	RAD TOL	IRR TOL	C.A. DIA	EDGE DIA	MATERIAL	CT THICK	THI TOL
PLANO	6.0	2.0	31.0 SQ	33.0000	CAF2T77	12.3200	0.0
PLANO	6.0	2.0	31.0 SQ				

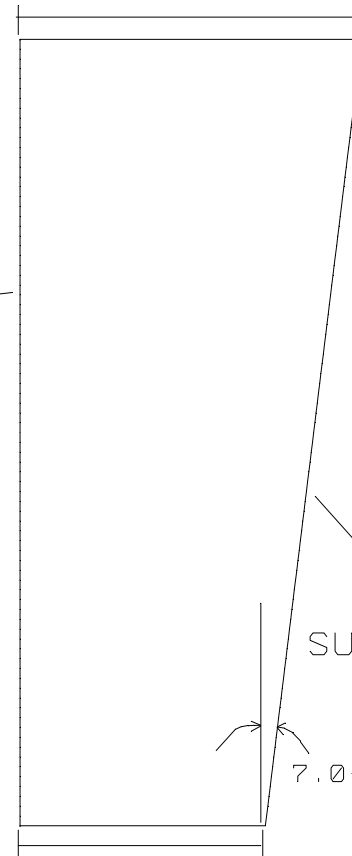
1. ALL DIMENSIONS IN MILLIMETERS
2. PITCH POLISH PLANO SURFACE A AND SURFACE B
3. SIDES AND SURFACE B TO BE MUTUALLY PERPENDICULAR TO <math>\le 0.25</math> DEG
4. BEVEL SURFACE A EDGES AT 45 DEG TO  $1.0 \pm 0.1$  MM FACE WIDTH, NO CHIPS WITHIN 0.1MM OF POLISHED SURFACE, LENGTHS (ALONG BEVEL) UP TO 2MM ALLOWED, ALL CHIPS MUST BE ARTFULLY GREYED.
5. BEVEL SURFACE B EDGES AT 45 DEG TO  $0.5 \pm 0.1$  MM FACE WIDTH.
6. SCRATCH/DIG = 40/20
7. MATERIAL IS SINGLE CRYSTAL CAF2 (IGNORE "CAF2T77" ABOVE)
8. FINE GRIND SIDES AND BEVELS
9. COAT SURFACE-B (ONLY) WITH BROADBAND ANTIREFLECTION COATING FOR 1-5 MICRONS WAVELENGTH
10. PRISM APEX ANGLE =  $7.0 \pm 0.1$  DEG



(NOT TO SAME SCALE)

SURFACE B

14.35 +/- 0.10 MM



7.0 +/- 0.1 DEG

6.00 MM

10.29 +/- 0.10 MM

TITLE			
CAF2 PRISM SUBSTRATE FOR SED GRISM			
DATE	SCALE	DRAWN	APPRV
APR 11 2002	3.3330:1	DAN CLEMENS	
PROJECT			
MIMIR - BU - IAR			
DRAWING		REVISION	
04102000_002		1.0	