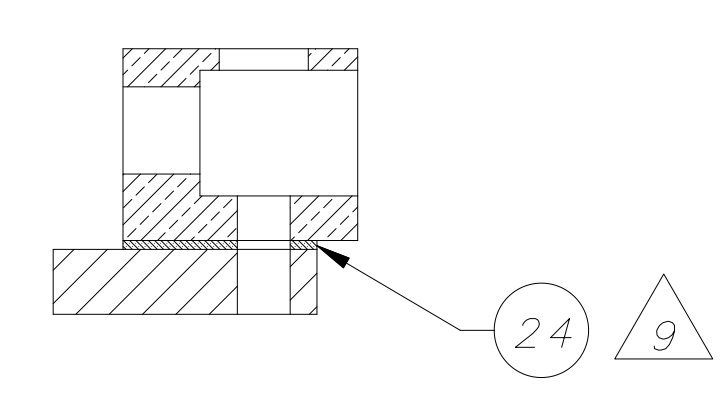
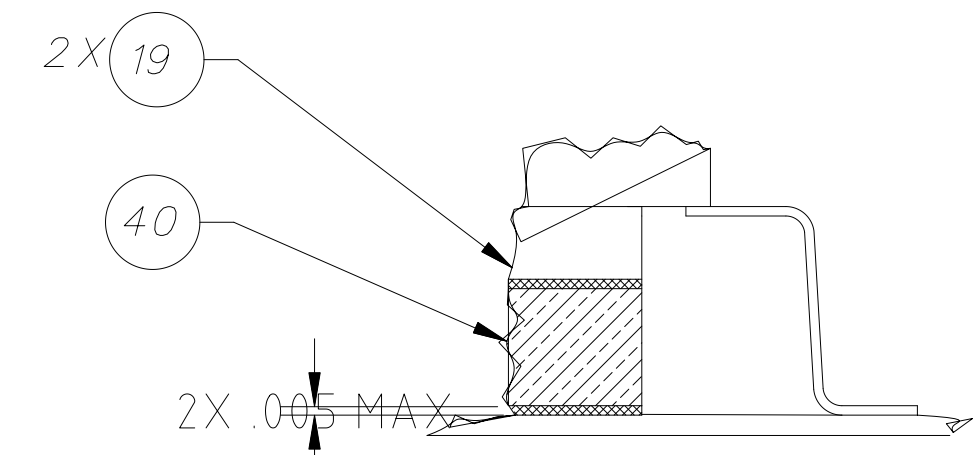


REVISIONS					
REV.	ECO NO.	DESCRIPTION	CHECKED	APPROVED	DATE
A	36-624	INITIAL RELEASE	FJK	WFM	5/17/96
B	36-645	DELETE R23-27	FJK	RFG	5/31/96
C	36-659	MAX HEIGHT WAS .300	FJK	RFG	6/10/96
D	36-816	ADD ACTEL SHIM			



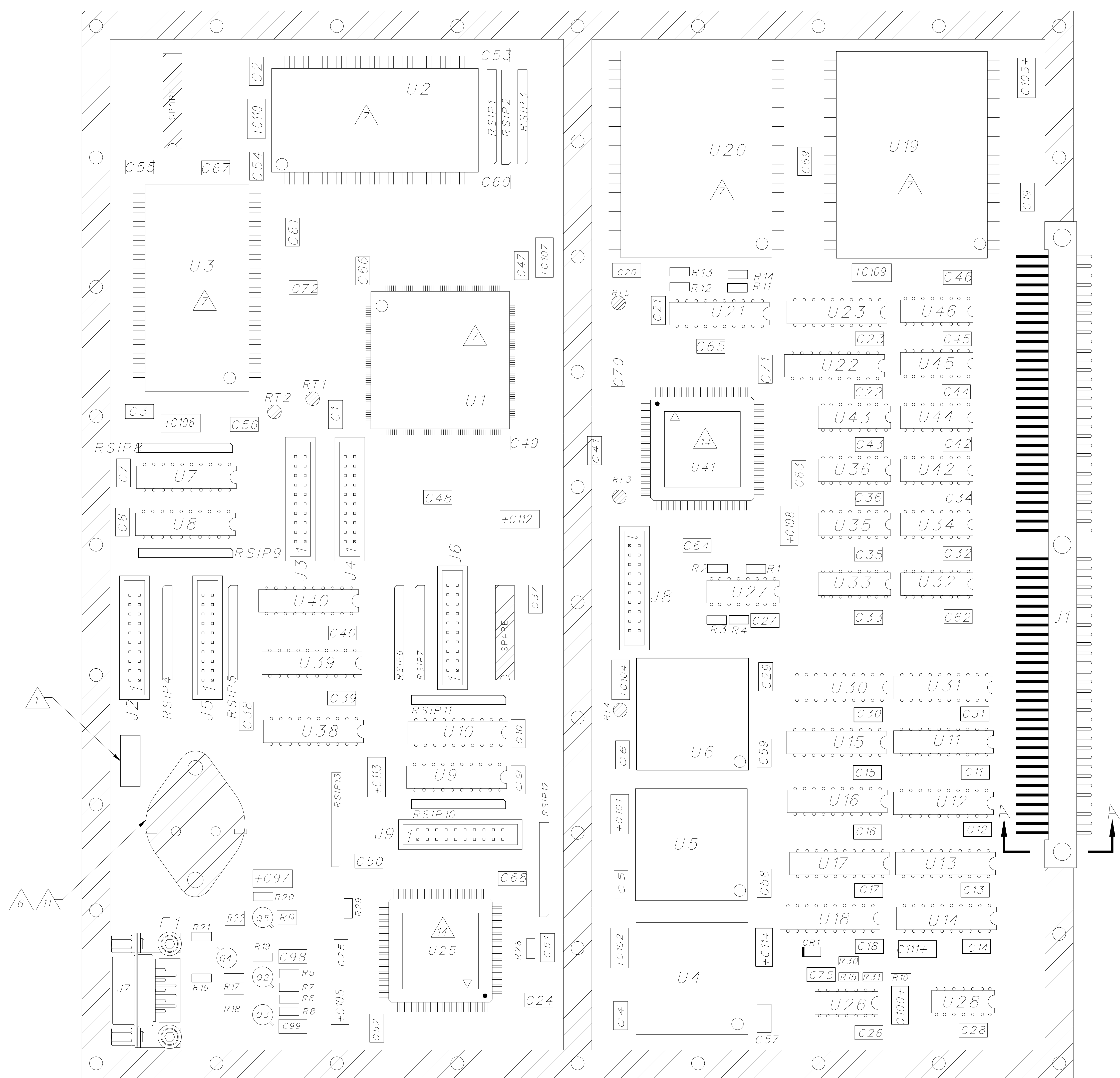
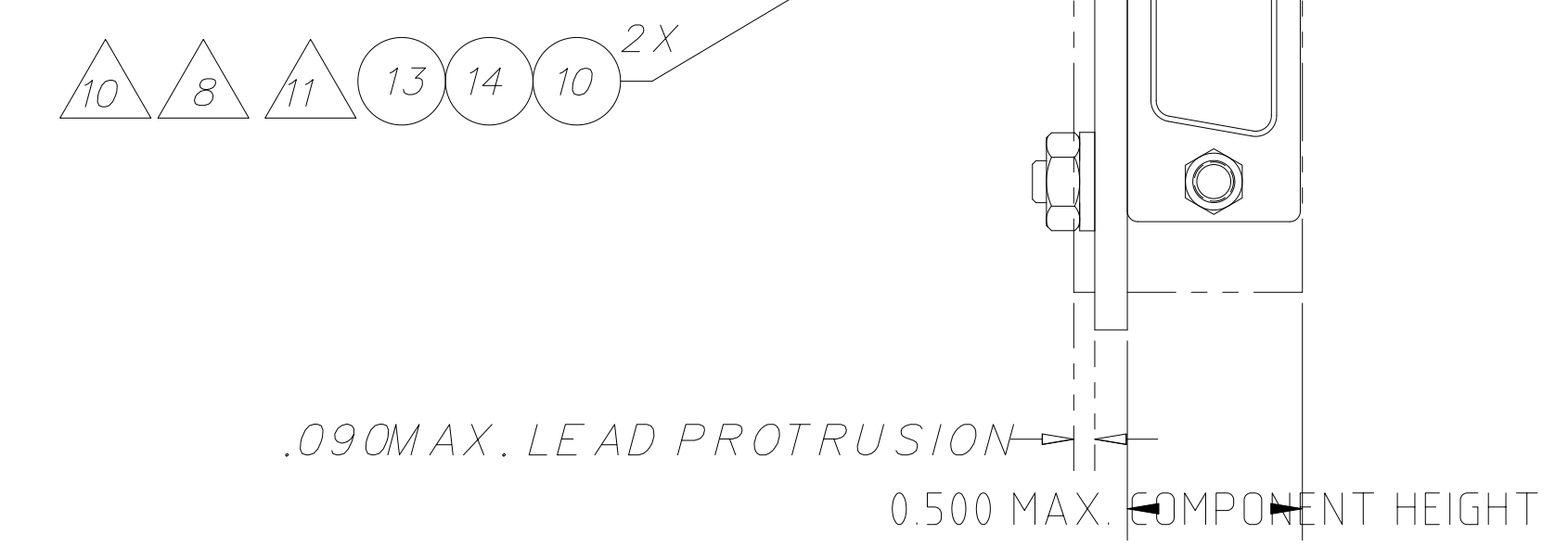
SECTION A-A  
SCALE: 4/1



DETAIL B  
SCALE 10/1  
ACTEL (U25, U41) ATTACHMENT

NOTES:

1. LABEL ASSEMBLY SERIAL NUMBER IN LOCATION SHOWN PER A.W.O. USING F/N 17.
2. RECORD EPOXIES USED, MIX RATIO, EXPIRATION DATES, ETC.
3. SOLDERING TO BE IAW NASA SPECIFICATION NHB5300.4(3A-1).
4. TORQUE J1 TEMPORARY HARDWARE TO 16 IN-OZ PRIOR TO SOLDERING. CENTER CONNECTOR PRIOR TO TORQUING.
5. FORM LEADS IAW 36-02106.
6. DO NOT INSTALL Q1, R23-27.
7. APPLY EPOXY (F/N 19) UNDER U1 (F/N 7001), U2-3 (F/N 7002), U19,20 (F/N 7003).
8. SPOTBOND WITH F/N 15, MIX RATIO: 4g 828V140/2g ALUMINA POWDER. DE-GAS BEFORE APPLYING.
9. SHIM CONNECTOR IAW MIT PROCEDURE 36-02025.
10. TORQUE HARDWARE TO 4 IN-LB PRIOR TO SOLDERING.
11. MASK FOR SOLDER AS INDICATED:
  - RT1-5 BOTH SIDES.
  - CONNECTOR MOUNTING HARDWARE.
  - PLATED MOUNTING HOLES NEAR SIDE.
  - PLATED BAND FAR SIDE.
  - MOUNTING HOLES AND PADS BOTH SIDES FOR Q1.
  - FEED THROUGH E1 BOTH SIDES.
  - SPARE IC SLOTS BOTH SIDES.
12. INSTALL PROTECTIVE COVER, F/N 31, TO J1 PRIOR TO SHIPMENT.
13. CLEAN F/N'S 10,13,14 AND TEMPORARY HARDWARE IAW MIT PROCEDURE 36-02027 PRIOR TO ASSEMBLY.
14. SEE DETAIL B. CENTER F/N 40 ON THE PACKAGE.



INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1982	NAME DRAWN: Winter Design CHECKED: K. Kasparian	DATE 7/10/96	MASSACHUSETTS INSTITUTE OF TECHNOLOGY CENTER FOR SPACE RESEARCH CAMBRIDGE, MA 02139
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE: ANGLES 1/4° 3 PLACE DECIMALS 0.01 2 PLACE DECIMALS 0.01	APPROVED: W. Mayer RELEASED: G. Gagg	DATE 5/10/96	FRONT END PROCESSOR SANDERS SUBASSY
MATERIAL 36-30300 ACIS	SEE DATABASE	WEIGHT	SIZE/CAGE CODE E 80230
APPLICATION NEXT ASSEMBLY USED ON			DRG. NO. 36-30302.97D
			SCALE 2:1
			SHEET 1 OF 1