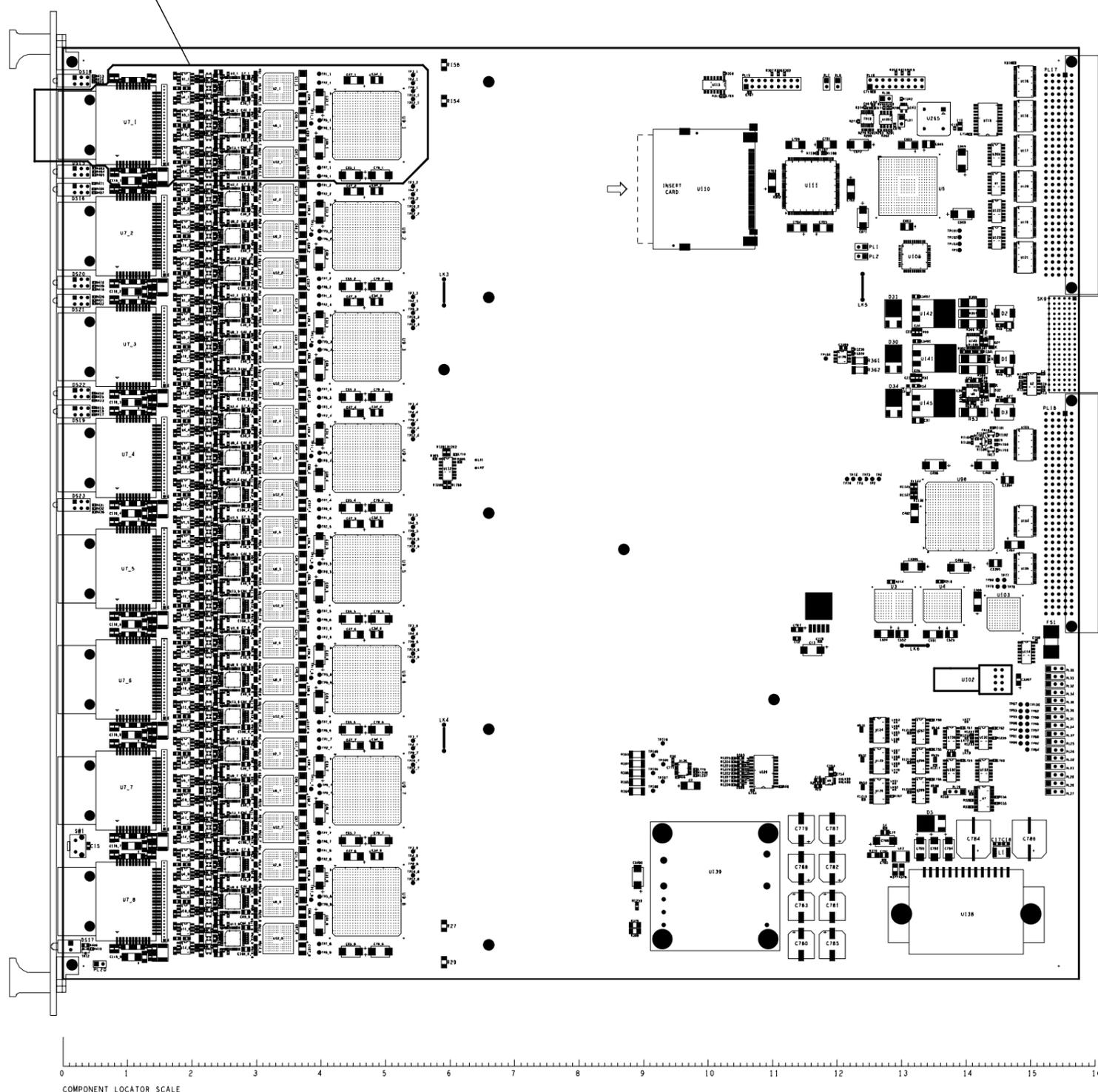


BOARD VIEWED ON 'A' FACE

1 CHANNEL (COMPONENTS, TOP AND BOTTOM) REPEATED 8 TIMES
SEE NOTE 1 FOR MORE INFORMATION ON COMPONENTS

COMPONENT LOCATOR SCALE



ASSEMBLY NOTES

SOLDER PASTE MASTERS AVAILABLE FOR ASSEMBLY OF SURFACE MOUNT COMPONENTS.
TOP SOLDER PASTE - PC3205M/2 S FACE
BOTTOM SOLDER PASTE - PC3205M/2 T FACE
BOTTOM ASSEMBLY DRG AVAILABLE - A1-TE-0070-022-02-*

- FOR A DETAILED ASSEMBLY DRAWING OF THE CHANNELS SEE DRAWING A1-TE-070-022-03-*. THE COMPONENT DESIGNATORS ARE IDENTICAL FOR EACH CHANNEL EXCEPT FOR '*' SUFFIX, I.E. U1_1 IS IN THE SAME PLACE ON CHANNEL1 AS U1_2 IS ON CHANNEL 2
- ENSURE CORRECT ORIENTATION OF COMPONENTS
- OBSERVE ELECTROSTATIC DISCHARGE PRECAUTIONS FOR COMPONENTS.
- SEE DO NOT FIT LIST FOR COMPONENTS NOT TO BE ASSEMBLED.
- FIX OPTO DEVICES (U7_1-8) TO BOARD WITH SCREWS BEFORE SOLDERING TO BOARD.
- MOUNT GROUND BARS LK3-6 AS HIGH OFF BOARD AS POSSIBLE.
- ENSURE SOLDERED PINS OF U139 EXCEED NO HIGHER THAN 1.5mm FROM THE BOTTOM OF THE BOARD.

B	11-06-04	TE243	D. J. BALLARD	C. P. DAY	J. COUGHLAN	
A	04-12-02	----	C. P. DAY	D. J. BECKETT	S. TAGHAVIRAD	
ISSUE	DATE	MOD NO.	DRAWN	CHECKED	APPROVED	STATUS
TOLERANCE UNLESS STATED				FINISH		ORIGINAL SCALE 1:1
MATERIAL & SPEC				REMOVE ANY BURRS		DO NOT SCALE
				SURFACE TEXTURE micro m		0 50 mm
USED ON				UNLESS STATED		
CCLRC 2003						
COUNCIL FOR THE CENTRAL LABORATORY RUTHERFORD APPLETON LABORATORY, CHILTON, OXON. OX11 0QX						
TITLE PC3205M TOP ASSEMBLY						
CMS TRACKER FED						
A1-TE-0070-022-01-B						