



- NOTES: 1) Material: Aluminum, 6061, 1/2".
 2) Flatness under FETs is 50um/100mm, roughness Rz 10.
 3) Water channels milled to leave 3mm material.
 4) Water channel capped far side with aluminum plate and welded.
 5) Water channel fittings: Swagelok B-400-1-1 or similar, 1/4 in. Tube OD x 1/16 in. Male NPT.

Tap M6x1 2 places
 Tap M3.5 35 places
 Drill 3mm 11 places
 Drill 9/32" 6 places

University of Toronto Quantum Optics Group		CATS2 Vertical, FET Cooling Plate	
Drawn: A. Stummer, Nov 2009		Edited:08/07/2010 14:23:18	
File:CATS2 Vertical, cooling plate		Rev: A	
Trace:	Power:	Space:	
Autorouter Grid:		Placement Grid:	
Notes:			