



Notes-

1. Tile base assembly consists of tile base, two OFHC copper tubes, (drawing -SimpleBendTube10_18_16) and two copper through pins.
2. Tile base as specified in Univ. of Chicago print (drawing -CeramTB111015).
3. The copper tube must be OFHC copper tempered appropriately to be hermetically sealed with a pinch-off cold weld.
4. Tile Base Assembly after brazing tubes and pins to be hermetic in helium leak-test to $5 \times 10E - 10$ cc/sec.
5. Stainless steel clamp is temporary for fixturing, brazing, and shipping.
6. Tubing and clamp to be supplied by vendor or UC.

For tubing detail see drawing SimpleBendTube10_18_16

.040" dia. copper pin through

Hermetic seal

For clamp details see drawings ClampPartA10_18_16 and ClampPartB10_18_16.

Bend as needed to avoid interference with fixturing

.01 min. recess

Hermetic seal

DRAWN rnorthrop	10/19/2016	University of Chicago		
CHECKED		TITLE Ceramic Tile Base Assembly		
QA		SIZE C	DWG NO Vers3Tile10_19_2016	REV
MFG		SCALE	SHEET 1 OF 1	
APPROVED				