



NOTES:

- 1. Ceramics item 1 delivered with metallized ends.
- 2. Degas ceramics for 1 hour at 800°C in clean vacuum ( $P < 10^{-5}$  mbar). After that, handle only with gloves and pack in lint-free paper bag.
- 3. Braze copper sleeves item 2 to ceramics item 1 with Cu-Ag solder at 780°C in clean vacuum oven.
- 4. Cut copper sleeves after brazing.
- 5. Deposit TiN layer of 10 nm thickness inside and outside.
- 6. Pack the assembly in lint-free paper or non-polymeric plastic bag.

Issued all design changes as Rev C (TIO) - 4/19/07 - SAB

Parts List											
ITEM		DESCRIPTION			PART NUMBER		MATERIAL		QTY		
1		COLD CERAMICS			100.320.001		Ceramics, Alumina, Al-300		1		
2		COPPER SLEEVE			100.124.002		Copper, OFHC		2		
3		EXTERNAL COVER TUBE FOR COLD WINDOW			100.320.002		Ceramics, Alumina, Al-300		1		
4		INTERNAL COVER TUBE FOR COLD WINDOW			100.320.003		Ceramics, Alumina, Al-300		1		
								Rev. C			
								SCALE: 1:1		MAT:	
								ASSEMBLY:			
								DESIGNATION:			
					Date	Name	COLD CERAMIC WINDOW				
				Drawn	10/9/04	Denis					
				Checked	08-06-05	VM					
				Standard							
							100.320.000 AS				
State	Changes	Date	Name						1		
									A3		