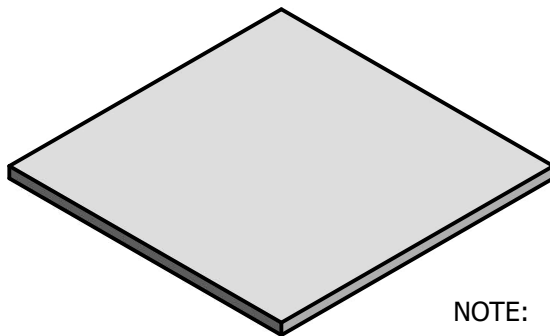
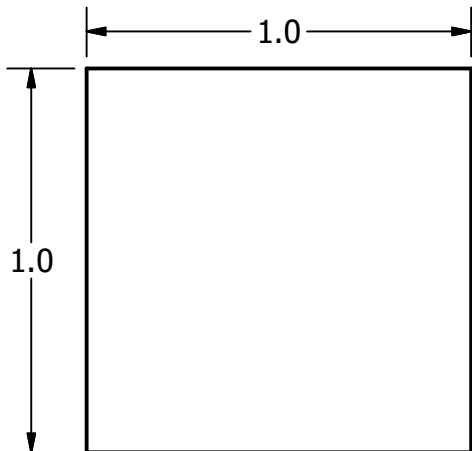


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NOTE:

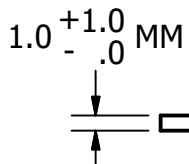
1) MATERIAL IS FULL-FIRED ALUMINA WITH MINIMUM PURITY OF 99.5%. EXCEPTIONS SHALL BE MADE FOR SUPPLIERS WHICH HAVE SUPPLIED TILE BASES WITH 96% PURITY. IN THESE CASES, PURITY SHALL NOT BE LESS THAN 96%.

2) SURFACE GRIND TOP SURFACE FLAT TO .0005 IN; TOP AND BOTTOM SURFACES TO BE PARALLEL TO .005 IN.

3) SURFACE ROUGHNESS TO MATCH THAT OF TILE BASES, IF PROVIDED, BUT SHALL NOT BE GREATER THAN Ra 32 μIN FOR U.S. SUPPLIERS, 1,2 μm FOR EUROPEAN SUPPLIERS.

4) MARK BOTTOM SIDE WITH VENDOR IDENTIFIER USING TWO OR MORE LETTERS BY ULTRA-HIGH VACUUM (UHV)-COMPATIBLE PROCESS.

5) UNITS ARE INCHES UNLESS OTHERWISE INDICATED.



DRAWN		5/9/2018	
B. STILLWELL			
RELEASED			
TOLERANCES (EXCEPT AS NOTED):			
X ± .5			
.X ± .1			
.XX ± .05			
SURFACE ROUGHNESS: SEE NOTE			
UNITS	SCALE	MATERIAL	
INCH	2:1	Alumina	

THE UNIVERSITY OF CHICAGO

LAPPD CERAMIC SQUARE TEST PIECE

SIZE	DWG NO	REV
A	Ceram_Test_Piece_180509	

2

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