



STAMP THE WORD 'UP'
AT THE LOCATION
IN 0.25" HIGH LETTERS

16 X \emptyset .406 THRU
X \emptyset .625 X .400 DP C BORE
EQ. SPD. ON \emptyset 21.063 BC
 \emptyset .014 ABC

Δ \emptyset .188
2x PILOT HOLE
(\emptyset .250 FOR DOWEL PIN TO
BE MATCH DRILLED
TO INSULATOR AT ASSEMBLY)

(\emptyset .250 FOR DOWEL PIN
TO BE MATCH DRILLED
TO 21C9826 AT ASSEMBLY)
2 LOCATIONS
DO NOT BREAK THRU

8X 5/16-18 X .500 DP
EQ SPD ON \emptyset 14.617 BC
DO NOT BREAK THRU
 \emptyset .014 ABC

8X 3/8-16 UNC HOLE
.5 DEEP
DO NOT BREAK THRU
 Δ

3X \emptyset 2.496/2500
X .75 DP

DETAIL A
O RING GROOVE FOR 2-389
FULL SCALE

\emptyset .152 THRU
TAP #10-32 X .5 DP.
4 PLACES
 Δ

6X 5/16-18 X .500 DP
DO NOT BREAK THRU
 \emptyset .014 ABC

UNLESS OTHERWISE SPECIFIED		REVISION		DESCRIPTION	
SY	DATE	BY	CHKD	NO.	DESCRIPTION
1					AL FORGED RING - 6061-T6
2					
3					
4					
5					
6					
7					
8					

LAWRENCE BERKELEY LABORATORY	
UNIVERSITY OF CALIFORNIA-BERKELEY	
PROJECT NO.	SN5 - FRONT END SYSTEM
ION SOURCE	ION SOURCE PROTOTYPE DESIGN
PART NAME	PRIMARY REFRANT CYLINDER
SCALE	SCALE FULL
DWG. NO.	25B0716
DATE	02/10/14
DESIGNED BY	J. M. PRIVY
CHECKED BY	D. CHENG
DATE	02/10/14