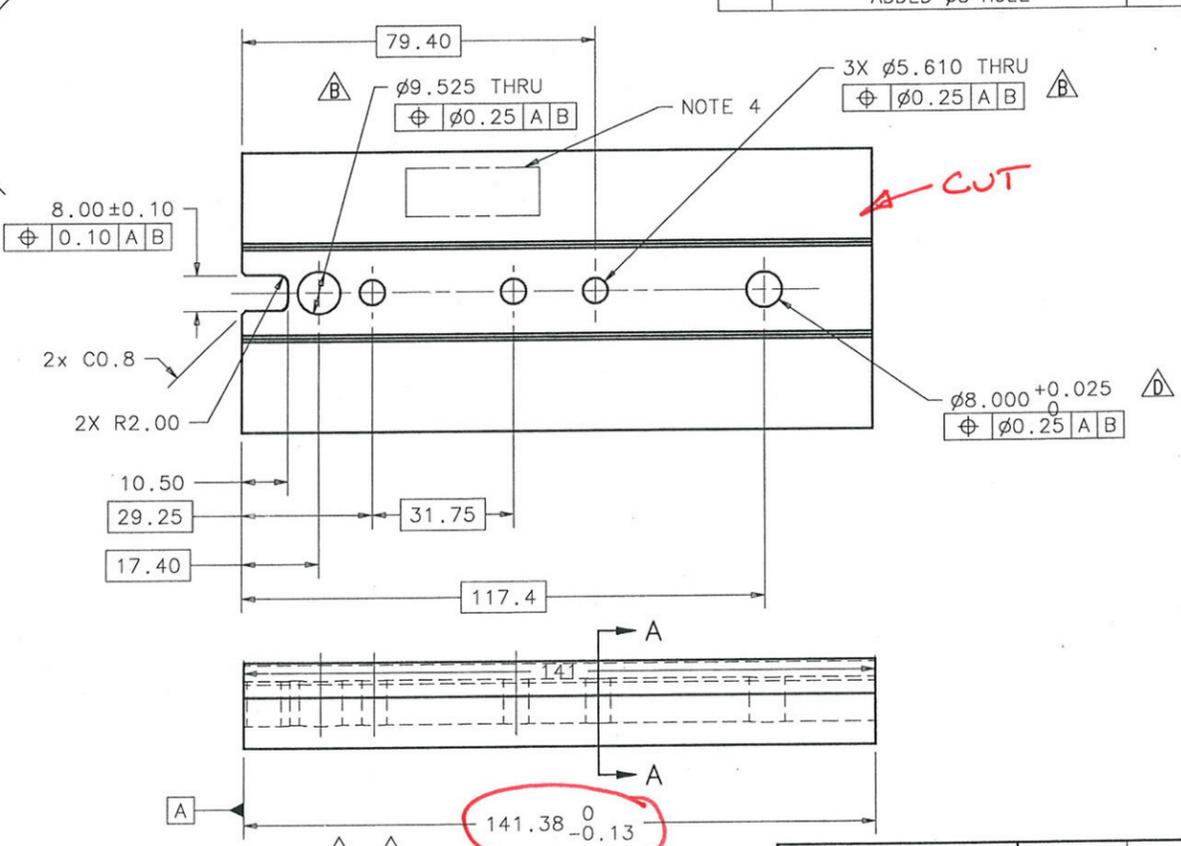


SECTION A-A
SCALE 2:1

REV	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE
--	ER #9949 NEW RELEASE		
A	ECO# 9979; MATERIAL WAS SS CHANGED TO Ti-6Al-4V GRADE 5	J. COGHILL	14-FEB-2011
B	ECO# 10009; $\phi 5.610$ WAS $\phi 5.110$; $\phi 9.525$ WAS $\phi 8.200$	R. BOSSERT	14-FEB-2011
C	ECO# 10106; 63.24 WAS 63.46; 42.4 WAS 42.63; REDUCED LENGTH ELIMINATED 2 HOLES; REMOVED DIM 21.05; ADDED CHAMFER	J. COGHILL	30-MAR-2011
		F. NOBREGA	06-APR-2011
D	ECO# 10140; 141.38 WAS 87.40 ADDED $\phi 8$ HOLE	J. COGHILL	28-JUL-2011
		F. NOBREGA	08-AUG-2011

DRAFT



141.38⁰/_{-0.13}
5.566 INCHES

- NOTES (UNLESS OTHERWISE SPECIFIED):
- PART MUST BE FREE OF DIRT, GREASE, OIL AND CHIPS.
 - PART TO BE FREE OF ALL SHARP EDGES, CORNERS, AND BURRS.
 - TRAILING ZEROS ON DIMENSIONS DENOTE TOLERANCE.
 - SIX DIGIT PART NUMBER SHALL BE ENGRAVED, ETCHED, OR LASER MARKED IN THIS LOCATION WITH 3-6mm HIGH CHARACTERS.

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	F. NOBREGA	15-DEC-2010
0.XX	0.XXX	ANGLES	DRAWN	J. KURNAT	15-DEC-2010
± 0.25	± 0.127	± 0.5°	CHECKED	D. ARNOLD	03-FEB-2011
1. BREAK ALL SHARP EDGES 0.5 MAX.			APPROVED	F. NOBREGA	03-FEB-2011
2. DO NOT SCALE DRAWING.			USED ON		
3. DIMENSIONS BASED UPON ASME Y14.5M-1994			ME-482182		
4. MAX. ALL MACH. SURFACES 1.6			MATERIAL		
5. DRAWING UNITS: METRIC			TITANIUM Ti-6Al-4V GRADE 5		

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

LHC 11- TESLA DIPOLE
COIL ASSEMBLY
POLE RE OUTER FNAL

SCALE	DRAWING NUMBER	SHEET	REV
1:1 & AS NOTED	5520.000-MC-482190	1 OF 1	D

CREATED WITH : Ideas12NXSeries GROUP: ACCELERATOR MECH. SUPPT.