


REV	CHANGED FROM	BY	DATE	APPROVED
C	REVIEWED & UPDATED PER 1509-ENC-004 IF REQUIRED	CPS	1/18/13	
D	CHANGE TAPPED HOLES TO THRU BOLT HOLES FOR TENSIONER	CPS	2/15/13	
E	CHANGES PER CUSTOMER REVIEW & RELEASE FOR PRODUCTION	CPS	4/8/13	
F	RE-DIMENSION, REPAIR DANGLING DIMENSIONS AND NOTES	JMG	10/17/13	
G	CHANGES REQUESTED PER MANUFACTURER DRW REVIEW	CPG	11/27/13	
H	NOTE 1 MATERIAL TYPO, ALT MATERIAL, AND HEAT TREAT CLARIFICATIONS	CPG	3/24/14	
I	CLARIFIED NOTE 1 FOR AGMA MATERIAL REQUIREMENT	CH	2/4/13	
J	CLARIFIED MPI REQUIREMENT	CH	4/4/13	

<p>REPORT ERRORS &amp; CHANGES          REMOVE ALL BURRS AND SHARP EDGES          DIMENSIONS ARE IN MILLIMETERS.          UNSPECIFIED TOLERANCES:          DECIMALS:                      FINISH:                      ANGLES:</p>			
<p>X.     ±1.0          .X    ±0.5          .XX ±0.25</p>	<p>3.2 <math>\sqrt{\text{um Ra}}</math></p>		<p>≤ ± 0.5°</p>
<p>COPYRIGHT ©</p>			
<p>NOT TO BE REPRODUCED OR USED TO MAKE          OTHER DRAWINGS AND MACHINERY</p>			
DRAWN	JFC	DATE: 8/13/12	
CHECKED	NJB	THIRD ANGLE PROJECTION 	

MADE FROM: 1509-GS-012-C			
National Renewable Energy Laboratory			
TITLE: RING GEAR			
SIZE <b>B</b>	DWG. NO. 254491		REV <b>J</b>
SCALE: 1:10		WEIGHT: 509.10 kas	SHEET 1 OF 2

SEE MANUFACTURING NOTES ON PAGE 2

