



NOTES:

- MATERIAL: AISI 8620, 4140H, 4340H, STEEL BAR OR TUBE
- IDENTIFY WITH PART NUMBER, SUPPLIER CODE NUMBER, MANUFACTURERS LOT NUMBER, AND REV. LEVEL
- NON SPECIFIED FILLETS - R3, NON SPECIFIED CHAMFERS - 1x45°

REFERENCE MODEL: 251335

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE	JFC	8/24/12	
B	REVIEWED & UPDATED PER 1509-ENC-004 IF REQUIRED	CPS	1/18/13	
C	CHANGES PER NREL DRW REVIEW. UPDATE BORDER	CPS	3/14/13	
D	RELEASE FOR PRODUCTION	CPS	4/19/13	

REPORT ERRORS & CHANGES  
REMOVE ALL BURRS AND SHARP EDGES  
DIMENSIONS ARE IN MILLIMETERS.  
UNSPECIFIED TOLERANCES:  
DECIMALS: FINISH: ANGLES:

3.2  $\mu\text{m Ra}$   $\leq \pm 0.5^\circ$

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NOT TO BE REPRODUCED OR USED TO MAKE  
OTHER DRAWINGS OR MACHINERY

DRAWN JFC DATE: 8/24/12  
CHECKED NJB THIRD ANGLE PRI

**National Renewable Energy Laboratory**

TITLE: LABYRINTH SEAL

SIZE **B** DWG. NO. 254501 REV **D**

SCALE: 1:2 WEIGHT: 1.92 kgs SHEET 1 OF 1