



NOTES:

1. MATERIAL: EXISTING COVER, SHAFT END 251401 Rev A
2. NEW FEATURES REQUIRING MACHINING OF EXISTING COVER
3. GRINDING OR SHIMMING REQUIRED AT FINAL ASSEMBLY FOR PROPER SETTING OF BEARING ASSEMBLY. SEE 254719 FOR SPECIFICATION.

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE. REVIEWED PER 1509-ENC-004	JFC	9/22/12	
B	CHANGES PER NREL DRW REVIEW. UPDATE BORDER	CPS	3/18/13	
C	FINAL REVIEW AND RELEASE FOR PRODUCTION	CPS	4/23/13	
D	CHANGES REQUESTED PER MANUFACTURER DRW REVIEW	CPG	12/12/13	

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

X. ±1.0  
.X ±0.5  
.XX ±0.25

3.2  
√  
μm Ra

≤ ± 0.5°

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

DRAWN JFC  
CHECKED NJB

DATE: 9/22/12  
THIRD ANGLE PRJ

National Renewable  
Energy Laboratory

TITLE:  
IM SHAFT END COVER

SIZE  
B

DWG. NO.  
254518

REV  
D

SCALE: 1:3

WEIGHT: 16.81 kgs

SHEET 1 OF 1

MAKE FROM MODEL: 251401