



5X \varnothing 59.00 ∇ 5.00

MAKE MODEL FROM:1509-LS-047-A

NOTES:

- MATERIAL: ASTM A513 ALLOYS 1020 - 1026 MILD (low-carbon) STEEL RECTANGULAR TUBING
- 2** IDENTIFY WITH ETCHING: PART NUMBER, SUPPLIER CODE NUMBER, MANUFACTURERS LOT NUMBER, AND REV. LEVEL.

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE	CPS	4/26/13	
B	RELEASE FOR PRODUCTION	CPS	5/10/13	

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

6.3 $\sqrt{\mu\text{m Ra}}$ $\leq \pm 0.5^\circ$

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

DRAWN: CPS DATE: 4/26/13
CHECKED: THIRD ANGLE PROJ

National Renewable Energy Laboratory

TITLE: MANIFOLD STEEL RHS 152.4 X 127 X 4.8

SIZE: **B** DWG. NO. 254955 REV: **B**

SCALE: 1:4 WEIGHT: 8.71 kgs SHEET 1 OF 1