



SHOWN FROM TOP SIDE

3.00"

0.00"

3.00"

0.00"

SIZE

QTY

SYM

PLATED

TOL

0.187

4

+

YES

+/-0.003

0.01

169

X

YES

+/-0.003

0.205

4

□

YES

+/-0.003

0.07

2

◇

NO

+/-0.003

0.095

10

⊗

YES

+/-0.003

0.035

7

⊗

YES

+/-0.003

LAYER STRUCTURE

L1 - TOP

L2 - GND

L3 - TRACE

L4 - BOTTOM

NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600.

2. MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR OR EQUIVALENT.

-FINISHED THICKNESS TO BE 0.062" +/- .005"

-TOTAL OF 4 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS AND 1 OZ. CU ON THE INNER LAYERS.

-FLAMMABILITY RATING: 94 V-0 MINIMUM.

3. SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.

0.00" ARE PRIMARY DATUMS.

4. DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 0.001" THICK MIN.

-ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.

-HOLE LOCATION TOLERANCES ARE +/-0.003" IN RELATION TO CENTER

5. FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.

-GOLD IMMERSION BOTH SIDES.

-FOR SILKSCREEN: BOTH SIDES USE WHITE NON-CONDUCTIVE INK.

6. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.

PAD SIZE CAN BE MODIFIED TO MEET END FINISH.

7. PCBs ARE TO BE RoHS COMPLIANT.

8. SCORING FOR PANELIZED PCB:

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES:

0.XX" = +/-0.01"

0.XXX" = +/-0.005"

INTERPRET DIM AND TOL PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION

APPROVALS

PCB DES.

HZ

APP. ENG.

DWG L.

SCALE = NONE

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TITLE: FABRICATION DRAWING

SYNCHRONOUS BUCK CONVERTER

WITH REMOTE SENSING

SIZE

IC NO.

LTC3867EUF

REV

N/A

DEMOCIRCUIT 1771A

2

FILENAME: DC1771A-2.PCB

SHT 1 OF 1

0.020

0.017