

COMPONENT SIDE

NOTES UNLESS OTHERWISE SPECIFIED:

1. FABRICATE IAW IPC-6012, CLASS 2, CURRENT REVISION.

2. BOARD SHALL MEET THE INSPECTION CRITERIA OF IPC-A-600 CLASS 2, CURRENT REVISION.

3. USE ARTWORK 1128449AW CURRENT REV.

4 MATERIAL: CORE=ROGERS 4350B, PREPREG=ROGERS 4450F, ROHS COMPLIANT. SEE LAYER STACK-UP BELOW.

5 FINISHED WEIGHT OF ALL COPPER LAYERS SHALL BE 1 OZ. PER SQUARE FOOT NOMINAL.

6. DESMEAR HOLES AND VIAS.

7 FINISH: ELECTROLESS NI IMMERSION AU (ENIG). GOLD PLATING THICKNESS TO BE BETWEEN 3 - 8 MICRONS.

8. SILKSCREEN TOP SIDE WITH NONCONDUCTIVE EPOXY INK. COLOR SHALL BE A CONTRASTING INK WITH RESPECT TO SOLDERMASK COLOR. DISTORTION OF SILKSCREEN IS ACCEPTABLE OVER TRACES. REMOVE EPOXY INK FROM SOLDER LANDS.

9. APPLY SOLDERMASK OVER BARE COPPER (SMOBC) IAW IPC-SM-840, TOP SIDE, USING LPI, COLOR CLEAR OR GREEN. SOLDERMASK OVER VIAS IS NOT ACCEPTABLE.

10. TANGENCY IS ACCEPTABLE.

11. REMOVAL OF NON-FUNCTIONAL PADS ON INTERNAL LAYERS IS ACCEPTABLE.

12 SUPPLIER LOT NUMBER/DATE CODE (NO LOGO)SHALL ONLY BE SILKSCREENED WITH NON-CONDUCTIVE EPOXY INK IN APPROX. LOCATION SHOWN.

13 PROVIDE ONE THRU BOARD EACH BUILD FROM THAT BUILD. SEE PAGE 2. USE THRU GERBER.

