| Rev | DESCRIPTION | DATE | APPROVED |
|---|---|---|---|
| 1 | | | |

NOTES:

1. FABRICATE BOARD PER:
Latest revision of IPC-A-600 Class 2. Electrical integrity testing required, per section 5.2 of IPC-A-600.

2. MATERIAL : MUST BE "LEAD-FREE PROCESS COMPATIBLE"
Rigid laminate and prepeg shall be per IPC-4101/99/101/126. As described in the StackUp.
Laminate must meet latest RoHS directive subject to Orolia Engineering Approval.

3. FINISH : MUST BE "LEAD-FREE PROCESS COMPATIBLE"
ENIG (Electroless Nickel, Immersion Gold) per IPC-4552

4. SOLDER MASK : MUST BE "LEAD-FREE PROCESS COMPATIBLE"
LPI per IPC-SM-840 (current rev) COLOR : GREEN
Soldermask provided as 1 to 1 and shall be oversized at the fabricator as required in order to insure that soldermask does not encroach upon thru hole and SMT pads.
0.008 DIA Vias shall be plugged/tented from top and bottom side per artwork supplied unless mask is removed by artwork. These vias are required to be filled and copper capped. It is acceptable to use and epoxy fill after initial plating, followed by a copper cap process to cap the via fill.
Continuous copper plate is required.

5. SILKCREEN : MUST BE "LEAD-FREE PROCESS COMPATIBLE"
White (All silkscreen to be removed from any exposed plated areas)

6. DIMENSIONING AND TOLERANCING PER ANSI-Y-14.5 (LATEST REV).

7. 94V-0 Min is required and shall be marked on top or bottom side silkscreen or copper

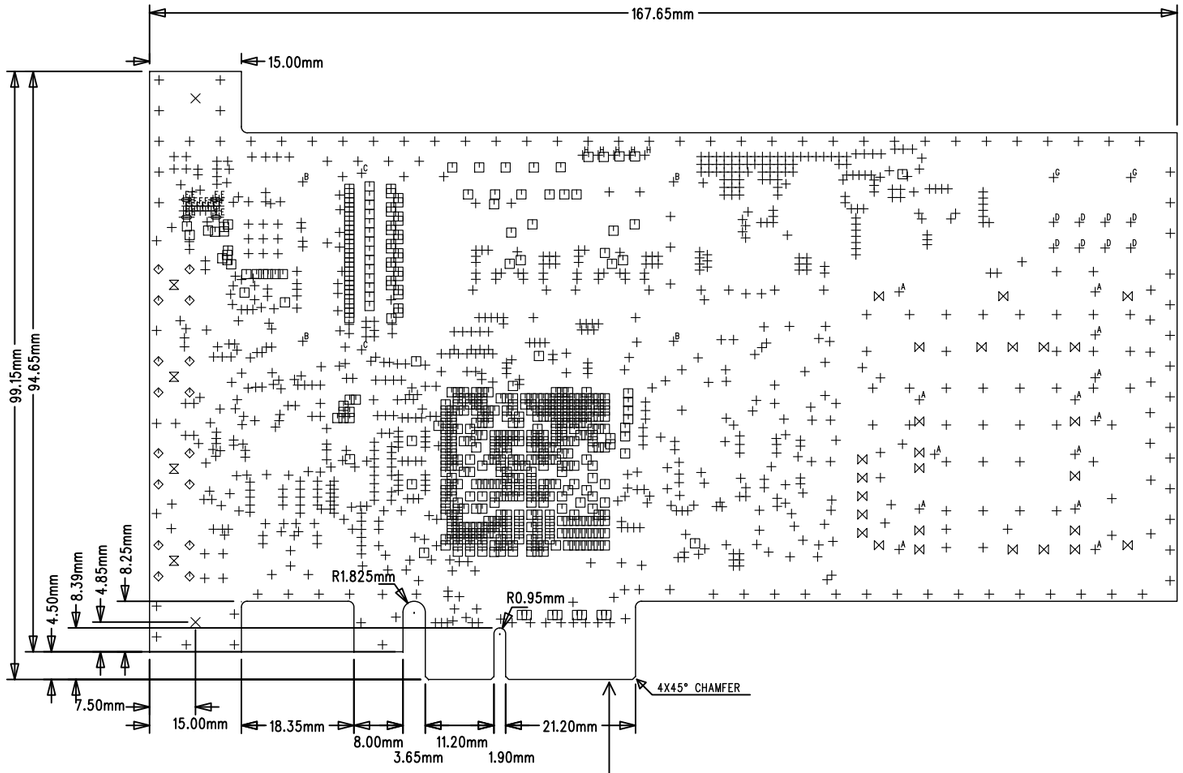
8. All copper on any layer shall be trimmed back 0.015 from the board edge as required.

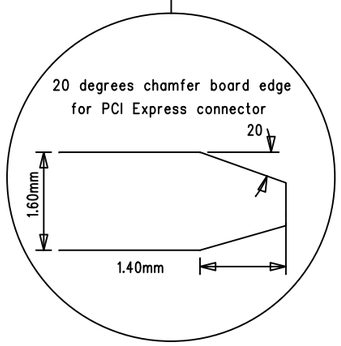
9. All internal unused pads shall be removed

10. Teardrops shall be added where possible

11. All holes sizes shown are expected finished hole sizes after processing.

12. This board shall be supplied in array format that shall be determined/approved by the purshaser of the bare board




| SIZE | QTY | SYM | PLATED | TOL |
|---|---|---|---|---|
| 0.25 | 518 | | YES | +/-0.05 |
| 0.3 | 915 | | YES | +/-0.05 |
| 0.4 | 14 | F | YES | +/-0.05 |
| 0.45 | 5 | H | YES | +/-0.05 |
| 0.6 x 1.6 | 4 | E | YES | +/-0.05 |
| 1.1 | 26 | | YES | +/-0.05 |
| 1.3 | 13 | A | YES | +/-0.05 |
| 1.65 | 4 | | YES | +/-0.05 |
| 1.8 | 16 | | YES | +/-0.05 |
| 1.95 | 8 | D | YES | +/-0.05 |
| 3.5 | 2 | | YES | +/-0.05 |
| 1.45 | 2 | C | NO | +/-0.05 |
| 3 | 2 | G | NO | +/-0.05 |
| 4.4 | 4 | B | NO | +/-0.05 |

UNLESS OTHERWISE SPECIFIED:

MATERIAL: PCB

FINISH

| | NAME | DATE |
|---|---|---|
| DRAWN | H ECHELARD | 03/03/2022 |

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CHANGE RESTRICTED
NO MANUAL CHANGES

THIRD ANGLE PROJECTION

OROLIA FRANCE

PART NUMBER: ART_CARD_PCB

TITLE: ART_CARD

SIZE A3 | DWG. NO. ART_CARD_PCB | REV 5

SCALE: 1:1 | DO NOT SCALE | SHEET 1 OF 1