



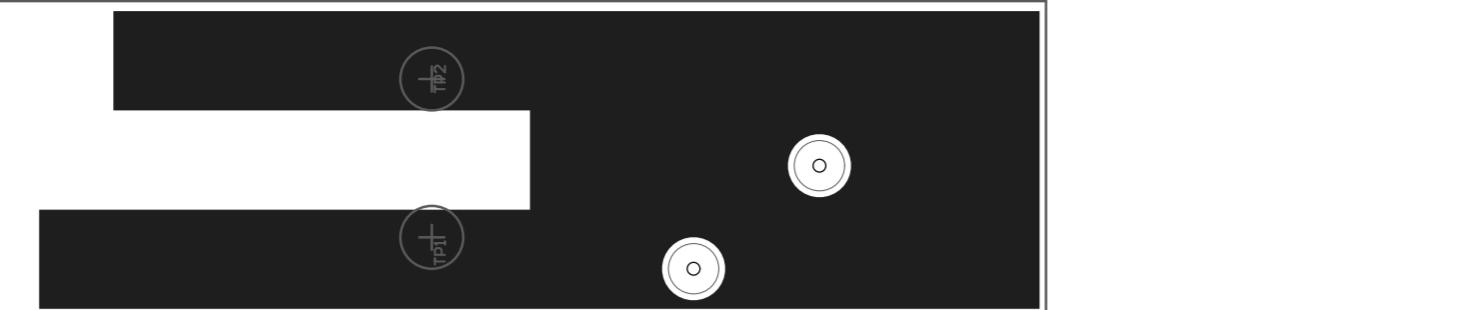
Windcave



2022



PB0311-A02



MINIMUM ARTWORK FEATURE SIZE			
Track to track:	n/a	mm	n/a inches
Track to pad:	n/a	mm	n/a inches
Track width:	n/a	mm	n/a inches
Drill Hole Size:	2mm	mm	0.079 inches

BOARD TYPE
<input checked="" type="checkbox"/> Single Layer
<input type="checkbox"/> Double layer
<input type="checkbox"/> Multi Layer,
<input type="checkbox"/> HDI Multi Layer
<input type="checkbox"/> Embedded PCB Resistor

VIA CONSTRUCTION
<input type="checkbox"/> Blind Vias
<input type="checkbox"/> Buried Vias
<input type="checkbox"/> HDI Micro Vias
<input type="checkbox"/> Stacked HDI Micro Vias

GENERAL NOTES:

1. Finished Board Thickness and Layer Stackup shown in View 'A'
2. All gerber files are in RS274X Metric 4:4 format with embedded apertures.
3. Board shall be fabricated as per IPC-6012B guidelines (unless otherwise stated).
4. ~~Laser vias are to be Copper filled~~
5. ~~Mechanical vias are to be epoxy filled~~
6. All hole sizes described in this Document are Finished Hole Sizes (FHS).
7. ~~No silkscreen allowed on exposed lands or in holes.~~
8. Manufacturer to add their ID/Logo and Datecode on Top Overlay or Top Solder Mask, as Appropriate.
9. Manufacturer to add UL Flammability Rating on Top Overlay or Top Solder Mask, as Appropriate.
10. Finished boards shall not have nicks, scratches, voids, poor plating or mis-drilled holes
11. The PCB is to be 100% Electrically Tested. No Cross-Outs allowed on panel
12. Lamination stack-up must be submitted for approval prior to PCB manufacture
13. No copper to be added or removed from the design, except that which is stated above.

MATERIALS
PCB / Panel Size: 48.0x12.5mm
PCBs Per Panel:

Laminate : FR4

Thickness: 0.8mm +/- 10% After Plating
Flammability : UL94-V0

PROFILE METHOD
<input checked="" type="checkbox"/> Routing, 2mm Rout Path
<input type="checkbox"/> V-Score 30 Deg

ACCEPTABILITY
<input type="checkbox"/> IPC-3-300
<input checked="" type="checkbox"/> IPC-A-600 Class 2
<input type="checkbox"/> IPC-A-600 Class 3
<input checked="" type="checkbox"/> UL Approval

TRACK FINISH:
<input type="checkbox"/> Hot air leveled
<input checked="" type="checkbox"/> Immersion Gold over Nickel (1u")
<input type="checkbox"/> OSP (Organic Solder Preservatives)
<input type="checkbox"/> Silver Immersion (6-20u")
<input type="checkbox"/> Hard Gold

SURFACE MOUNT

Single Sided
 Double Sided

SOLDER MASK :
SMOBC LPI GREEN
<input checked="" type="checkbox"/> Top Solder Mask
<input type="checkbox"/> Bottom Solder Mask

SCREEN PRINT OVERLAYS:

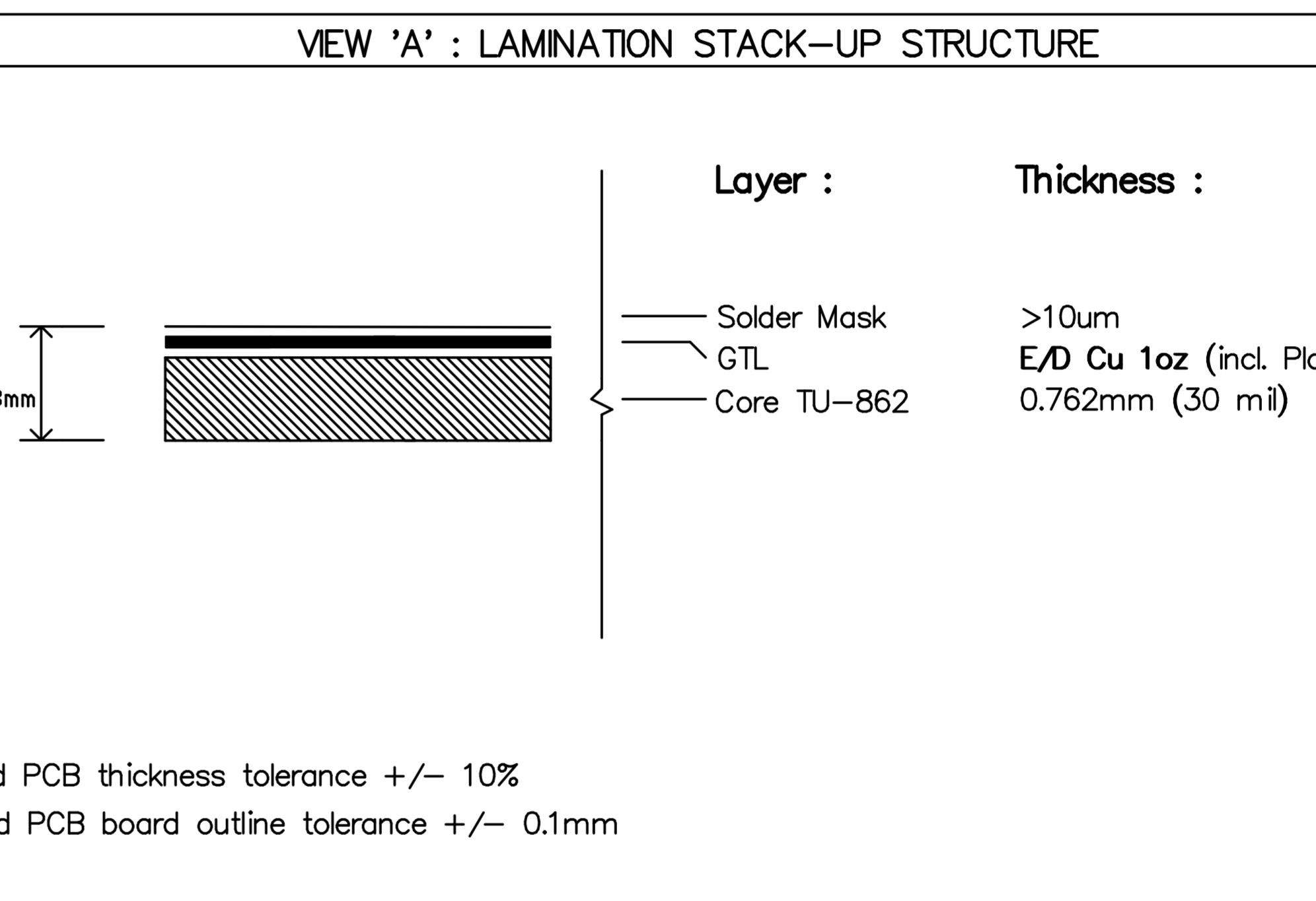
Top Overlay (White)
 Bottom Overlay

TRACK FINISH:

Hot air leveled
 Immersion Gold over Nickel (1u")
 OSP (Organic Solder Preservatives)
 Silver Immersion (6-20u")
 Hard Gold

PRODUCTION FILE LIST

DESCRIPTION	FILE
<input type="checkbox"/> TOP OVERLAY	GTO
<input checked="" type="checkbox"/> TOP SOLDERMASK	GTS
<input checked="" type="checkbox"/> TOP COPPER LAYER	GTL
<input type="checkbox"/> BOTTOM COPPER LAYER	GBL
<input type="checkbox"/> BOTTOM SOLDERMASK	GBS
<input type="checkbox"/> BOARD OUTLINE	GM1
<input checked="" type="checkbox"/> ROUTE OUTLINE	GM2
<input type="checkbox"/> V-SCORE	GM3
<input type="checkbox"/> PASTE SHIM OUTLINE	GM14
<input type="checkbox"/> TOP PASTE MASK	GTP
<input type="checkbox"/> BOTTOM PASTE MASK	GBP
<input checked="" type="checkbox"/> APERTURE FILE	APR
<input checked="" type="checkbox"/> DRILL DRAWING	GDx
<input checked="" type="checkbox"/> DRILL GUIDE	GGx
<input checked="" type="checkbox"/> NC DRILL - TOOL FILE	DRL
<input checked="" type="checkbox"/> NC DRILL - TEXT FILE	TXx
<input checked="" type="checkbox"/> NC DRILL - BINARY FILE	DRx



CONTROLLED IMPEDANCE
None

DRILL TABLE
<small>Symbol Count Hole Size Plated Hole Type</small> <small>2 28.74mm (2.000 mil) NPTH Round</small> <small>2 Total</small>