JDB-001\_README.PDF

Please refer to fabrication drawing for all specifications and fabrication details.

Quantity: 10

Delivery: Standard

Shipping address:

Jewelbots

50 Eldridge St.

5th floor

New York, NY 10002

Design contacts:

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Part Number-----------------------: JDB-001

Revision--------------------------: 1.0

Board size------------------------: 2.004" x 2.292"

Board Thickness-------------------: 0.025"

Board type------------------------: FOUR LAYER

P.C.B material--------------------: FR-4

Finished Copper-------------------: 1 oz

Finish----------------------------: ENIG

Solder Mask on Bare Copper--------: Yes

Mask type-------------------------: LPI

Mask color------------------------: GREEN

Silk screen color-----------------: WHITE

Surface mount---------------------: Yes

Smallest trace size---------------: 0.004"

Smallest clearance between traces-: 0.004"

Layer Stackup:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Layer Name | Type | | Material | Thickness (mil) | Dielectric  Material | Dielectric  Constant |
| Top Overlay | Overlay | |  |  |  |  |
| Top Solder | Solder Mask/Coverlay | | SurfaceMaterial | 0.4 | Solder Resist | 3.5 |
| Top | Signal | | Copper | 1.4 |  |  |
| Core 1 | Dielectric | | Prepreg | 5 | FR-4 | 4.2 |
| Layer 2 | Signal | | Copper | 0.7 |  |  |
| Core 2 | Dielectric | | Core | 10 | FR-4 | 4.2 |
| Layer 3 | Signal | | Copper | 0.7 |  |  |
| Core 3 | Dielectric | | Prepreg | 5 | FR-4 | 4.2 |
| Bottom | Signal | | Copper | 1.4 |  |  |
| Bottom Solder | Solder Mask/Coverlay | | SurfaceMaterial | 0.4 | Solder Resist | 3.5 |
| Bottom Overlay | | Overlay |  |  |  |  |