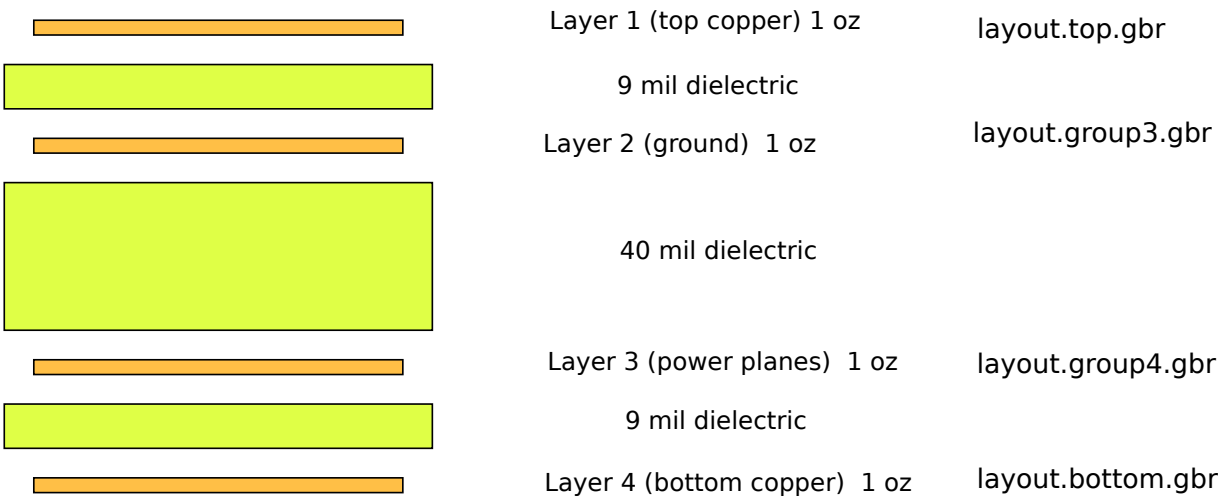


Notes

- 1. Material is Isola 370HR
- 2. Board thickness 62 mils +- 10%
- 3. All 10-mil vias are to be plugged with a secondary mask print on the bottom surface. Plugging is to be done after ENIG finish. Plug material should occupy about 80% of the via barrel.
- 4. Green LPI soldermask, both sides
- 5. White silkscreen, both sides
- 6. Surface finish: ENIG
- 7. Use soldermask layers as drawn; no additional clearance should be applied
- 8. No ink on pads or vias
- 9. Drill diameters are finished size
- 10. The vias are designed with soldermask encroached on the via pad. Manufacturer can adjust the soldermask clearance to assure the vias are open for ENIG finish, while keeping the pads encroached with soldermask as much as possible.
- 11. 100% electrical test
- 12. Thieving: allowed on outer layers only; allowed to within 100 mils of any copper feature
- 13. UL logo, manufacturer's logo, manufacturer's part identification, 94V rating, and date code shall be rendered in silkscreen on the bottom side of the board in an unobtrusive place
- 14. All material must be RoHS compliant

Stackup



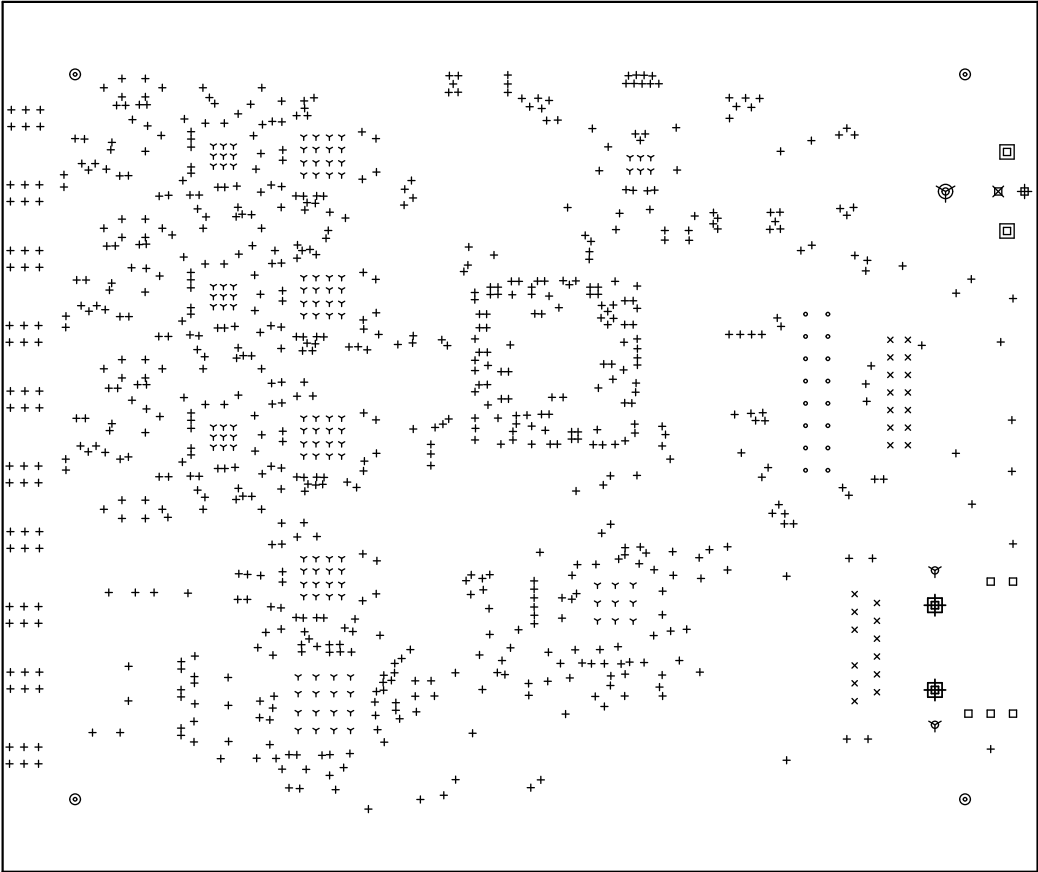
finished thickness
62 mils

Drill chart

There are 12 different drill sizes used in this layout, 947 holes total

Symbol	Diam. (Inch)	Count	Plated?
▽	0.010	122	YES
+	0.012	765	YES
×	0.035	26	YES
•	0.042	16	YES
□	0.050	5	YES
▽	0.062	2	YES
⊕	0.063	1	YES
⊗	0.090	1	YES
◎	0.096	4	YES
⊞	0.100	2	YES
⊙	0.110	1	YES
⊕	0.128	2	YES

Title: GNSS Firehose - Fabrication Drawing
Author: Peter Monta
Date: Tue 12 May 2015 06:45:54 AM GMT UTC
Maximum Dimensions: 4640.000000 mils wide, 3900.000000 mils high



Board outline is the centerline of this 8.000000 mil rectangle - 0,0 to 4640.000000,3900.000000 mils

Fabrication drawing	
Part number: 1002-01	Date: May 9, 2015
Revision: 2.1	Project: GNSS Firehose
Author: Peter Monta	