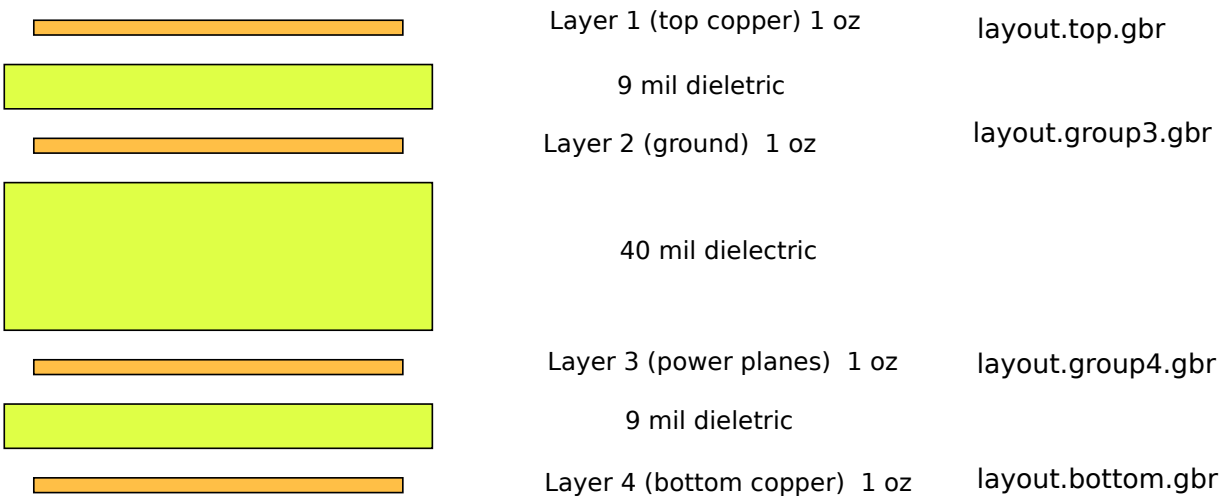


Notes

- 1. Material is Isola 370HR
- 2. Board thickness 62 mils +- 10%
- 3. Selected vias are to be plugged with a secondary mask print on the top surface. Gerber file is layout.via\_plugs.gbr. Plugging is to be done after ENIG finish. Maximum height of plugs above surrounding pad 2 mils. Plug height to be as uniform as possible.
- 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 12-mil vias are designed with soldermask encroached on the via pad. Manufacturer can adjust the soldermask clearance for these vias to assure 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 11 different drill sizes used in this layout, 947 holes total

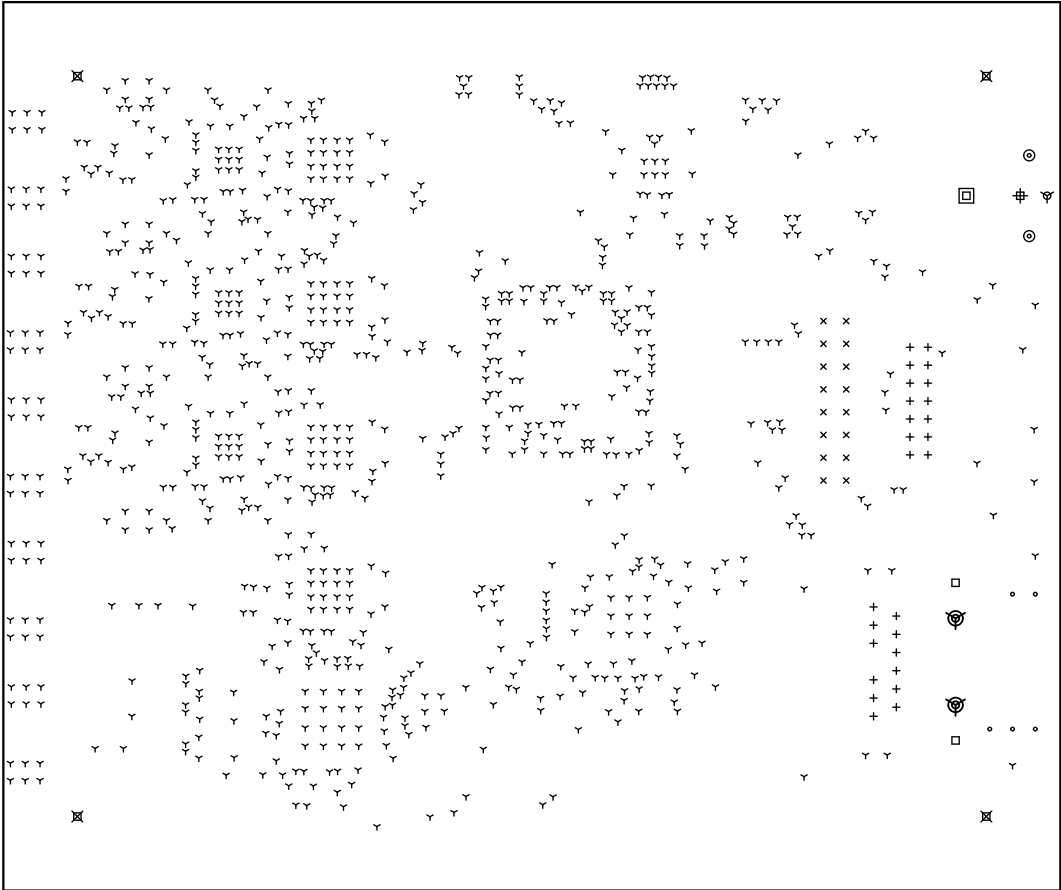
Symbol	Diam. (Inch)	Count	Plated?
▽	0.012	887	YES
+	0.035	26	YES
×	0.042	16	YES
•	0.050	5	YES
□	0.062	2	YES
▽	0.063	1	YES
⊕	0.090	1	YES
⊗	0.096	4	YES
⊙	0.100	2	YES
⊠	0.110	1	YES
⊗	0.128	2	YES

Title: GNSS Firehose - Fabrication Drawing

Author: Peter Monta

Date: Sat 09 May 2015 05:27:25 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	