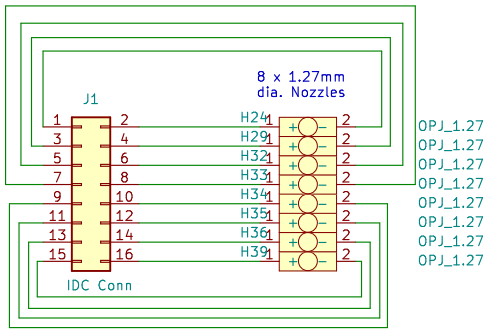
Connector Plate Wiring



Note: Four PCB layers are imported into KiACD via DFX files.
These are used to generate their corrosponding edge outlines.
With a bit of tweaking here and there.

Nozzle Drill Holes

M1.27 Drill holes

H2 M1.2
H1 M1.2
H9 M1.2
H8 M1.2
H16 M1.2
H15 M1.2
H22 M1.2
H21 M1.2
H31 M1.2

Nozzle Drill Holes

H40 Nozzle_.635-Plated
H43 Nozzle_.635-Plated
H46 Nozzle_.635-Plated
H49 Nozzle_.635-Plated
H50 Nozzle_.5
H51 Nozzle_.4
H54 Nozzle_.3
H57 Nozzle_.25

Connector Plate Drill Holes

M2 Mounting Holes

H7 M2
H14 M2
H23 M2
H30 M2

M2 PCB Stack Bolt Holes

H37 M2
H38 M2
H41 M2
H42 M2
H44 M2
H45 M2
H47 M2
H48 M2

M1.27 Drill holes

H53 M1.2
H52 M1.2
H55 M1.2
H56 M1.2
H59 M1.2
H58 M1.2
H61 M1.2
H60 M1.2
H62 M1.2

Fuel Inlet Holes

H65 M0.8
H64 M1
H63 M1
H68 M0.8
H67 M1
H66 M1
H69 M1
H70 M1
H71 M1

Chamber Drill Holes

M2 PCB Stack Bolt Holes

H3 M2
H4 M2
H10 M2
H11 M2
H17 M2
H18 M2
H25 M2
H26 M2

Top Plate Drill Holes

M2 PCB Stack Bolt Holes

H5 M2
H6 M2
H12 M2
H13 M2
H19 M2
H20 M2
H27 M2
H28 M2

Optional Fuel Mount

R1 3mmx12mmRivetMount
R2 3mmx12mmRivetMount

4 layer stack of PCBs. Dimensions imported via DFX from CAD drawing

PRL

Sheet: /
File: Nozzle.sch

Title: Open PyroJet Printhead

Size: A4	Date: 2022-03-29	**Rev: Gen3.1a**
KiCad E.D.A. kicad (5.1.12)-1		Id: 1/1