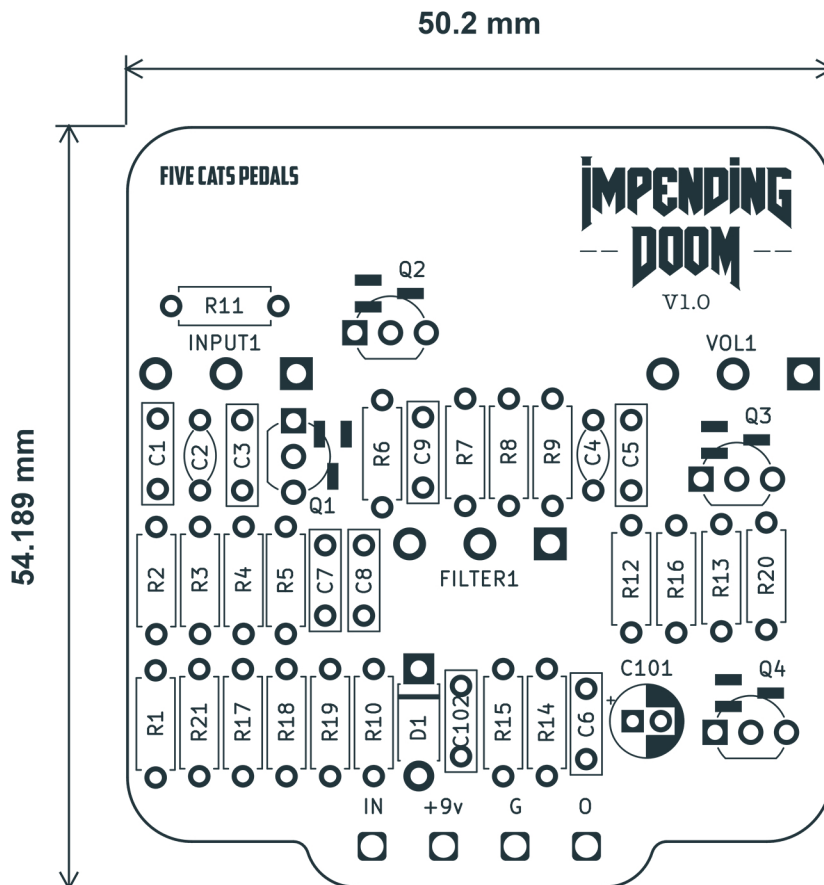




IMPENDING DOOM



COMPONENT COUNT

40

COMPARES TO

**AUDIO
SUPPLUS
OK DOOMER**

MINIMUM ENCLOSURE

**HAMMOND
1590B
C60
GORVA**

BOARD DIMENSIONS

**50 X 54
MM**

WWW.FIVE-CATS-PEDALS.CO.UK



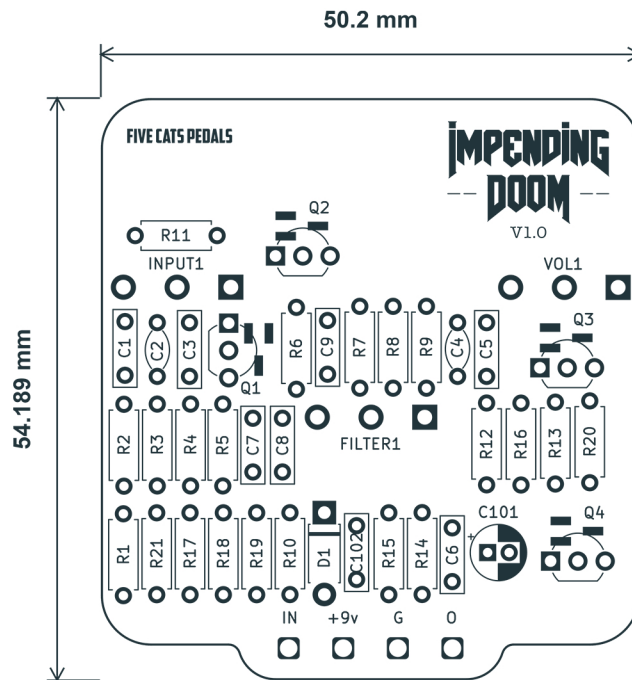
/FIVECATSPEDALS



/FIVE.CATS.PEDALS

DON'T FORGET TO GRAB A COPY OF OUR
GENERAL PEDAL BUILDING GUIDE AT:

WWW.FIVE-CATS-PEDALS.CO.UK/GENERAL-BUILD-GUIDE



Impending-Doom — Component BOM

Total compon

40

Unique parts

23

Resistors

Ref	Value	Footprint
R1	1M	1/4 Watt Resistor
R2	1.5K	1/4 Watt Resistor
R3	100K	1/4 Watt Resistor
R4	470K	1/4 Watt Resistor
R5	15K	1/4 Watt Resistor
R6	390R	1/4 Watt Resistor
R7	7.5K	1/4 Watt Resistor
R8	100K	1/4 Watt Resistor
R9	470K	1/4 Watt Resistor
R10	15K	1/4 Watt Resistor
R11	100R	1/4 Watt Resistor
R12	7.5K	1/4 Watt Resistor
R13	100K	1/4 Watt Resistor
R14	470K	1/4 Watt Resistor
R15	15K	1/4 Watt Resistor
R16	390R	1/4 Watt Resistor
R17	430K	1/4 Watt Resistor
R18	100K	1/4 Watt Resistor
R19	430K	1/4 Watt Resistor
R20	1K	1/4 Watt Resistor
R21	2.2K	1/4 Watt Resistor

Diodes

Ref	Value	Footprint
D1	1N4148	Standard Diode

Potentiometers

Ref	Value	Footprint
FILTER1	B10K	16mm Potentiometer
INPUT1	B1M	16mm Potentiometer
VOL1	B100K	16mm Potentiometer

Capacitors

Ref	Value	Footprint
C1	820nF	Box/MLCC Capacitor
C2	470pF	Ceramic/MLCC Capacitor
C3	68nF	Box/MLCC Capacitor
C4	470pF	Ceramic/MLCC Capacitor
C5	82nF	Box/MLCC Capacitor
C6	82nF	Box/MLCC Capacitor
C7	820nF	Box/MLCC Capacitor
C8	3.3nF	Box/MLCC Capacitor
C9	47nF	Box/MLCC Capacitor
C101	100uF	Electrolytic Capacitor - Min 16V
C102	820nF	Box/MLCC Capacitor

Transistors

Ref	Value	Footprint
Q1	MPSA18	Transistor
Q2	MPSA18	Transistor
Q3	MPSA18	Transistor
Q4	MPSA18	Transistor

WWW.FIVE-CATS-PEDALS.CO.UK



/FIVECATSPEDALS

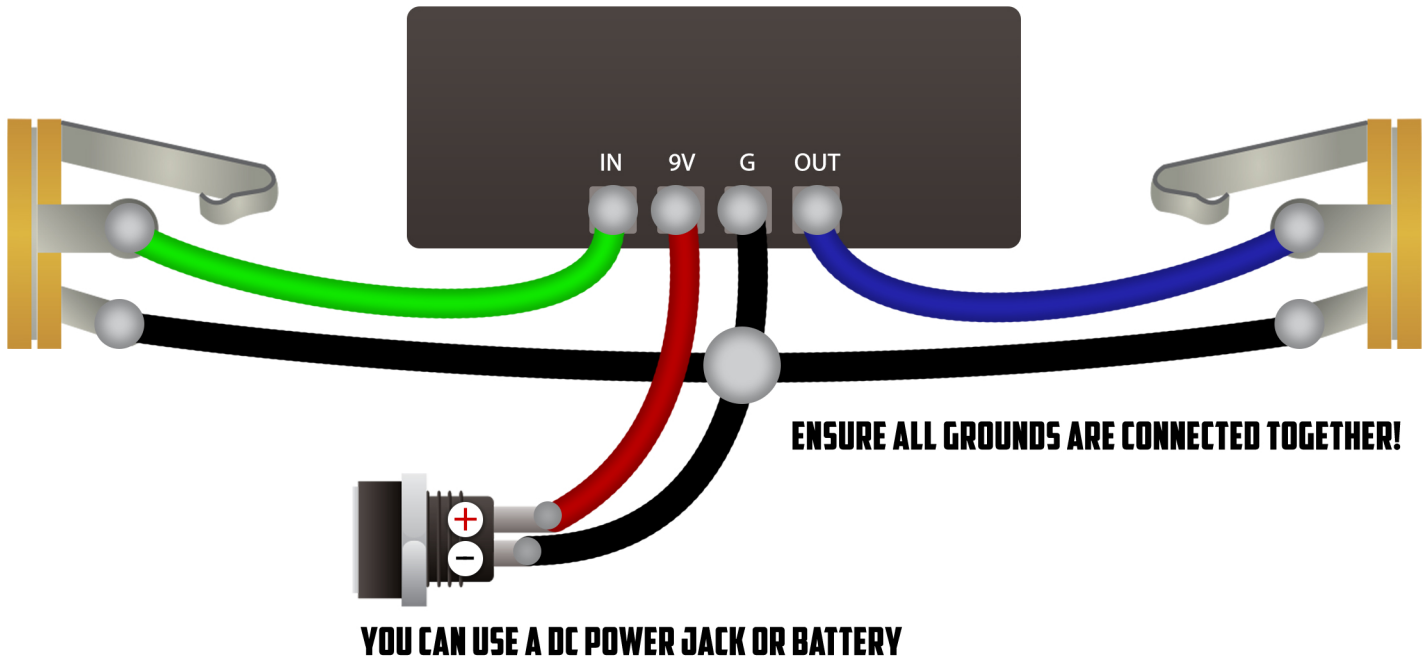


/FIVE.CATS.PEDALS

DON'T FORGET TO GRAB A COPY OF OUR
GENERAL PEDAL BUILDING GUIDE AT:

WWW.FIVE-CATS-PEDALS.CO.UK/GENERAL-BUILD-GUIDE

TEST HOOKUP FOR YOUR BOARD



UNDER NO CIRCUMSTANCES will troubleshooting help be offered to you if you have skipped this step. Simple.

Before you dive in and start wiring up your LED and 3PDT footswitch, hook it up like the above diagram and make sure it works.

If it doesn't work at this stage, you know the issue is with your board, and not your off board wiring.

If everything works, get cracking on your external wiring - if not, recheck the build docs and your component values, reflow (that's re-heat all the solder joints to ensure they aren't cold) then re-test.

WWW.FIVE-CATS-PEDALS.CO.UK



/FIVECATSPEDALS



/FIVE.CATS.PEDALS

DON'T FORGET TO GRAB A COPY OF OUR
GENERAL PEDAL BUILDING GUIDE AT:

WWW.FIVE-CATS-PEDALS.CO.UK/GENERAL-BUILD-GUIDE

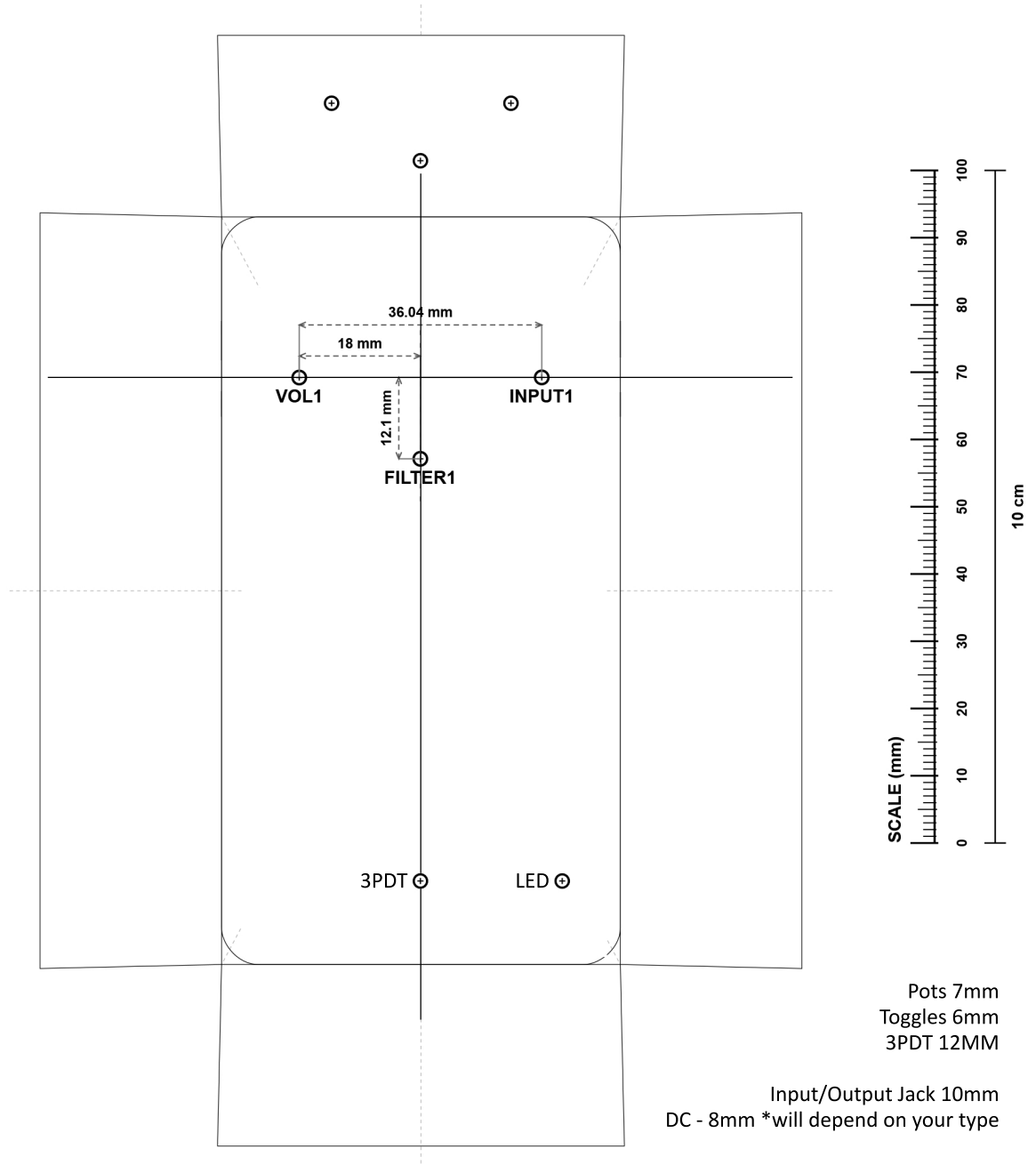


1590B Top Mount Drill Template

This is just a guide. Use it with caution.

Triple check your measurements.

We won't be held responsible.



DRILL MARKS: 2 mm Ø

DIMENSIONS: mm

Print at 100% / Actual Size

Do not use "Fit to page".



Massive shout out to StompBoxLayout.com for all their super hard work, we use them, so should you!

WWW.FIVE-CATS-PEDALS.CO.UK



/FIVECATSPEDALS



/FIVE.CATS.PEDALS

**DON'T FORGET TO GRAB A COPY OF OUR
GENERAL PEDAL BUILDING GUIDE AT:**

WWW.FIVE-CATS-PEDALS.CO.UK/GENERAL-BUILD-GUIDE