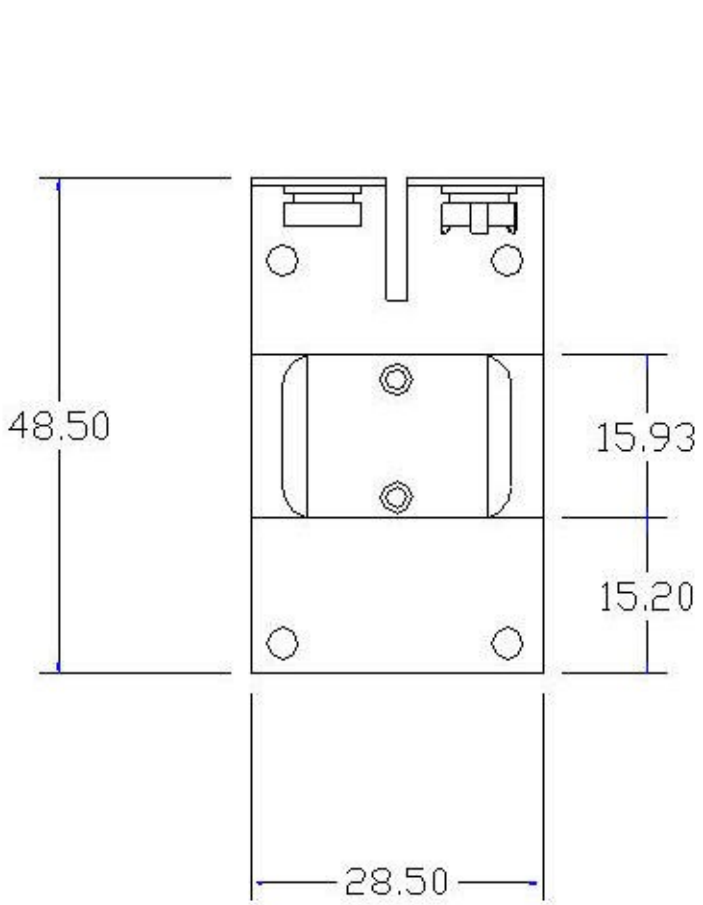

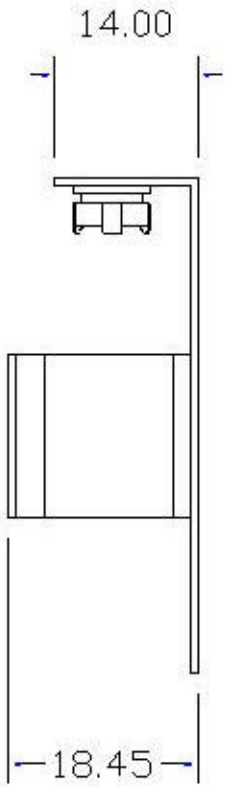

					Material:	Title	Battery Housing	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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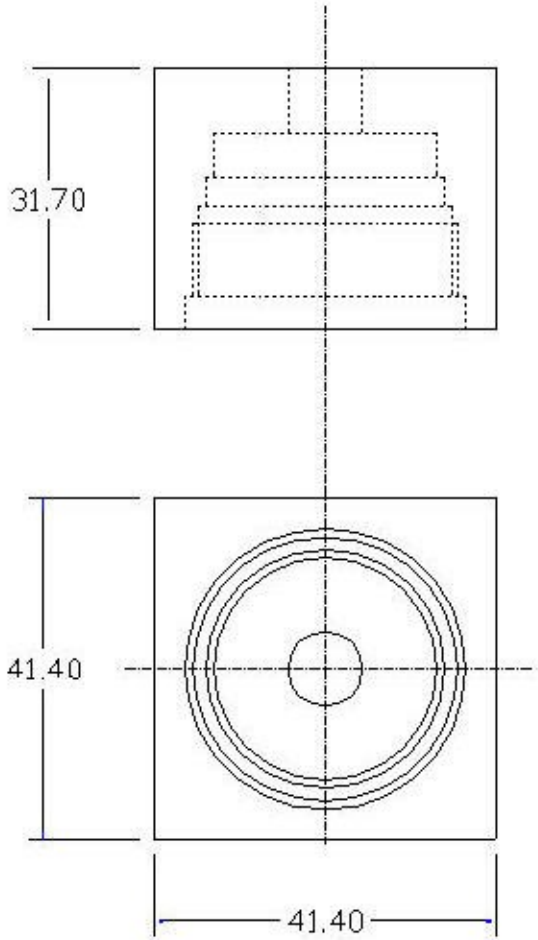

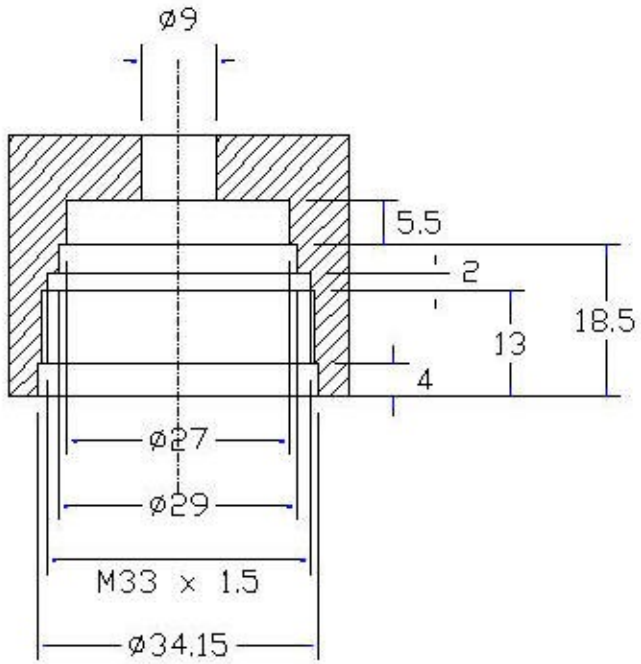

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								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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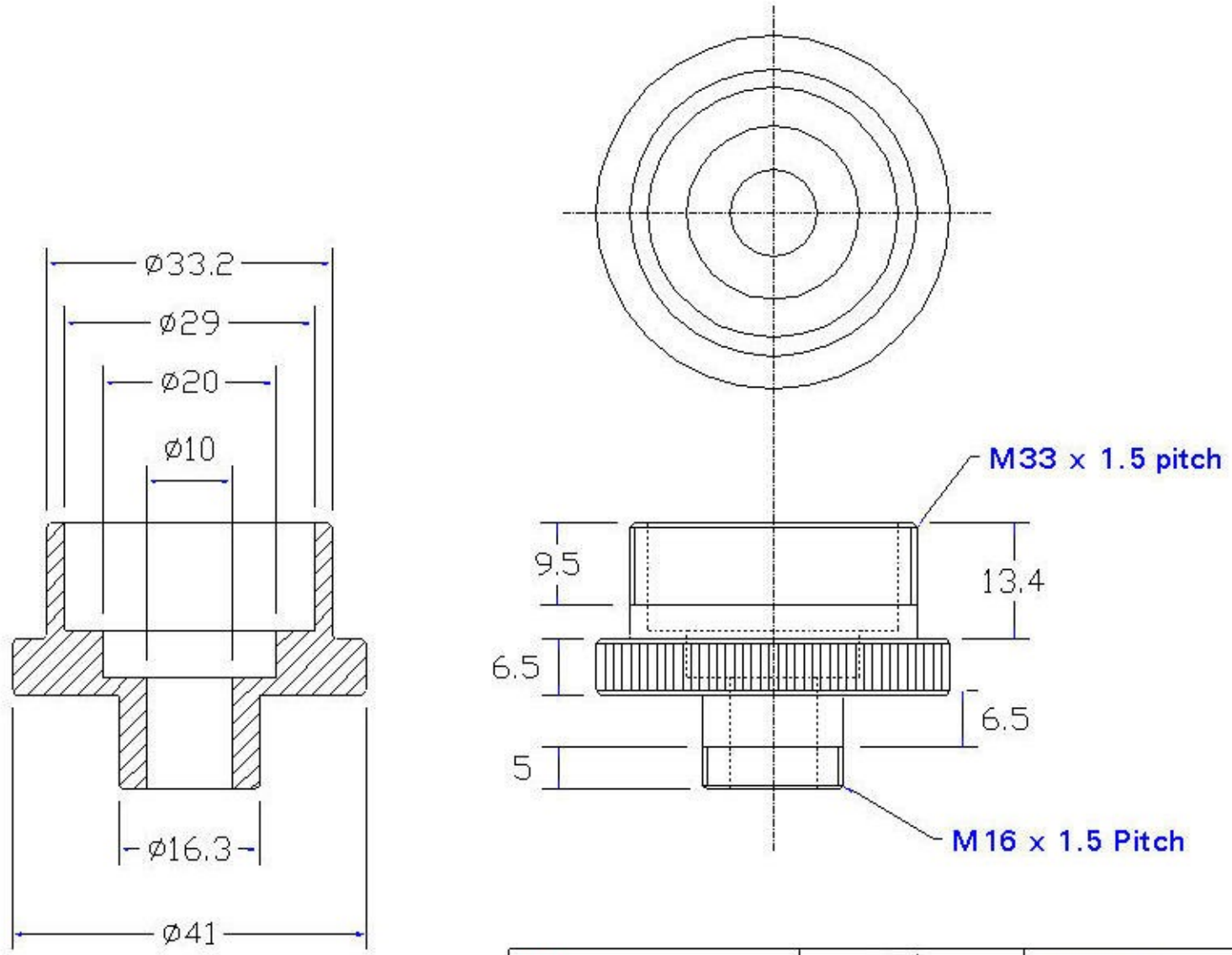

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								Tol	± 0.2
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REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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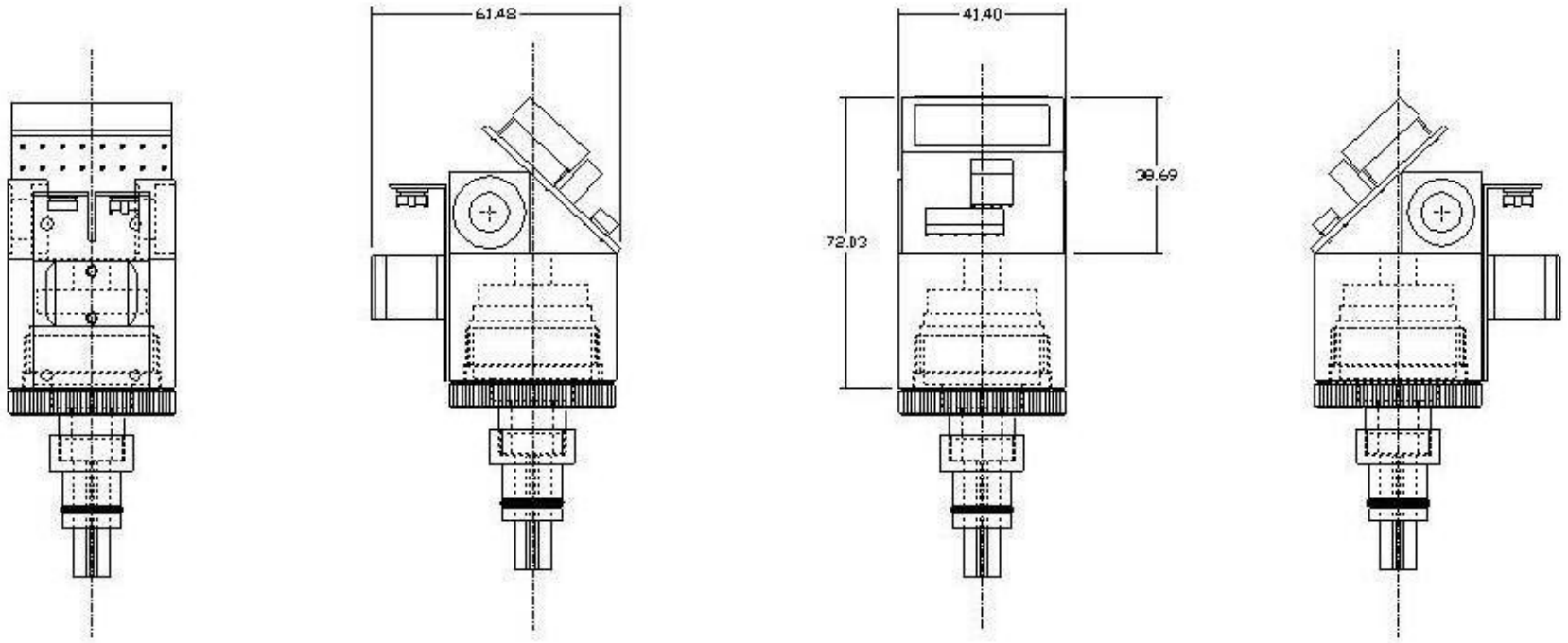

					Material :	Title	Assembled Prototype	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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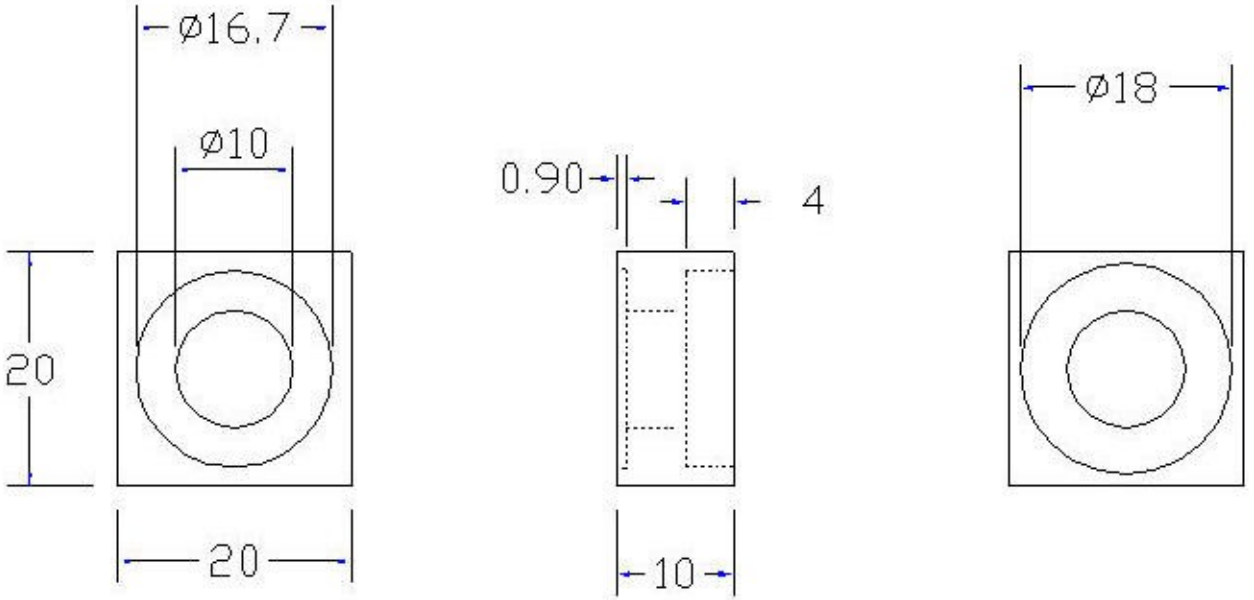

					Material:	Title	Push Switch Housing	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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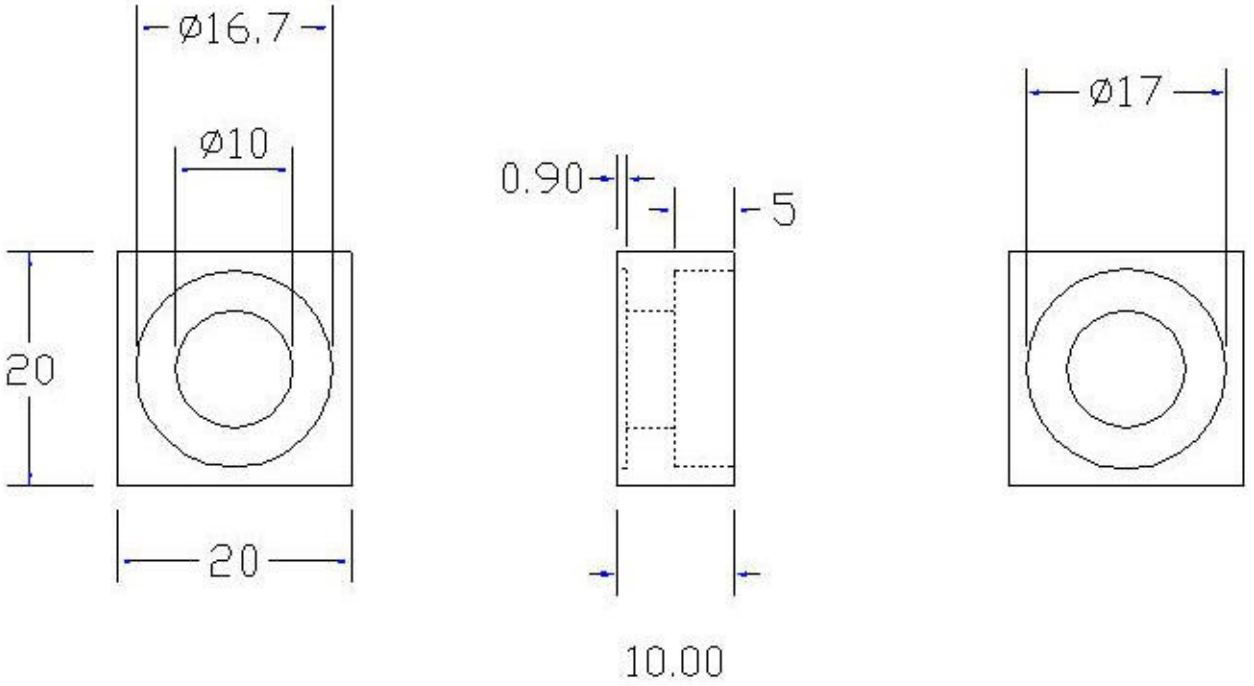

					Material:	Title	Rotary Knob Housing	Dim in	mm
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						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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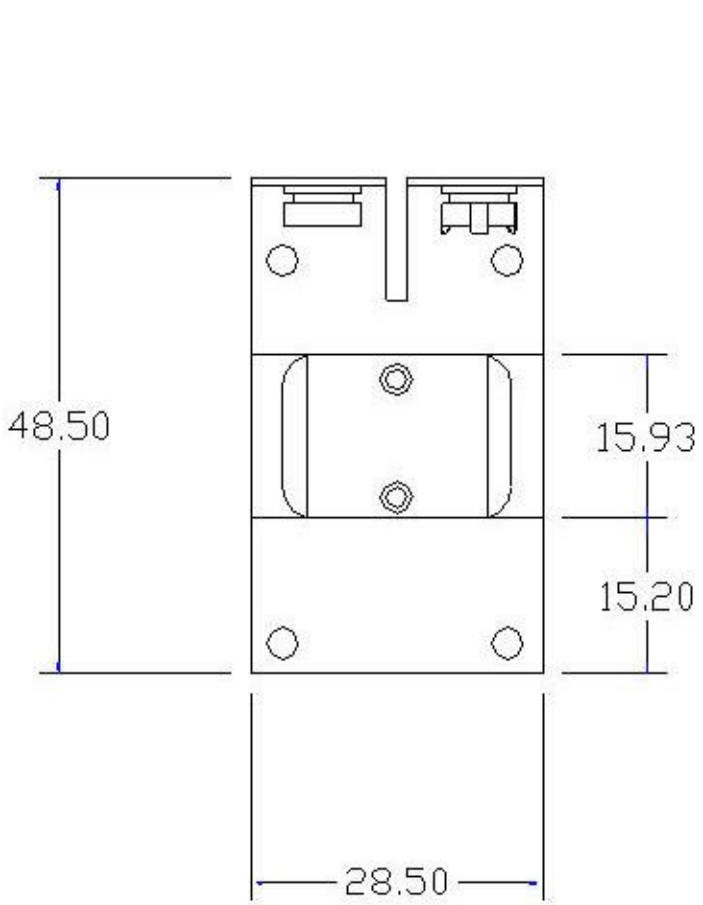

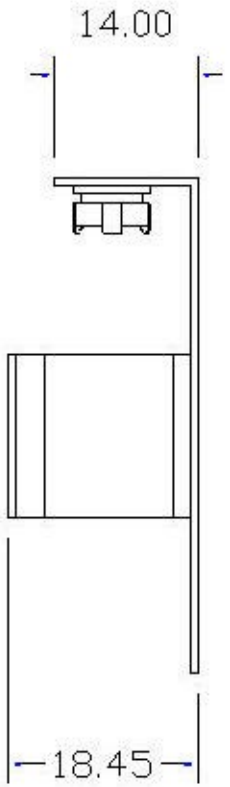

					Material:	Title	Battery Housing	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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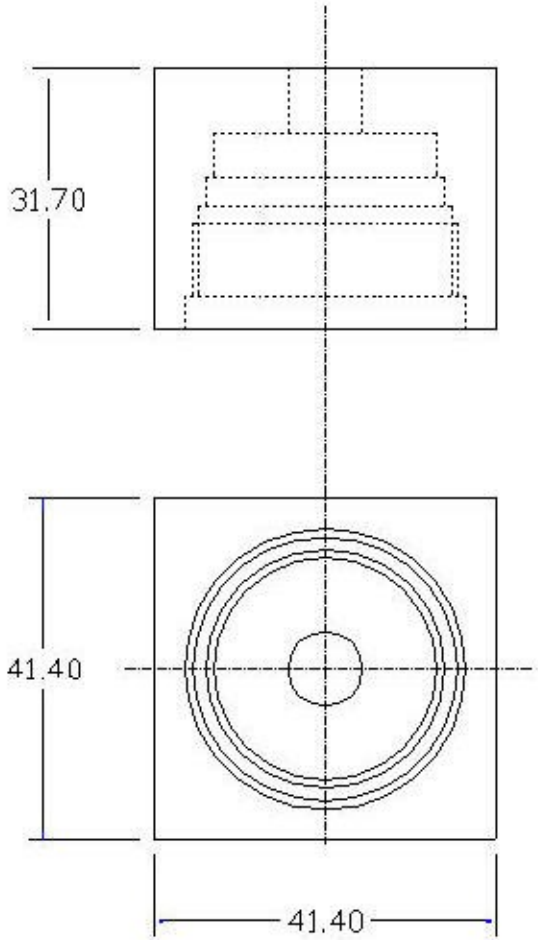

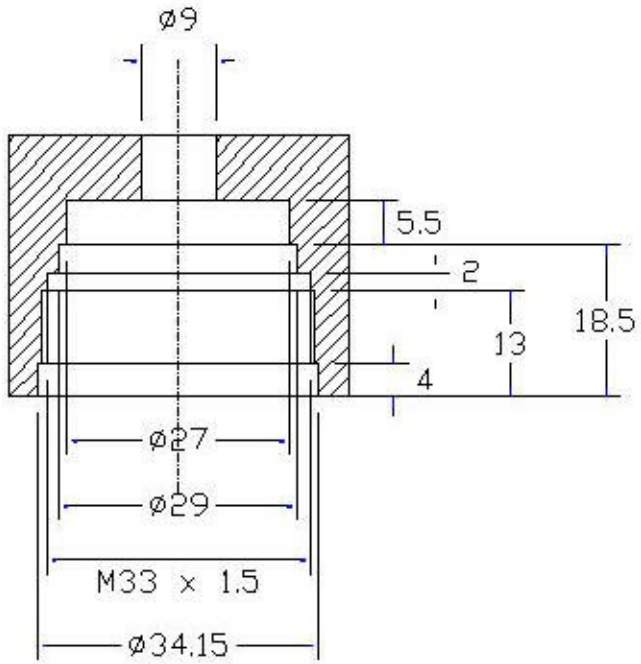

					Material:	Title	Main Body	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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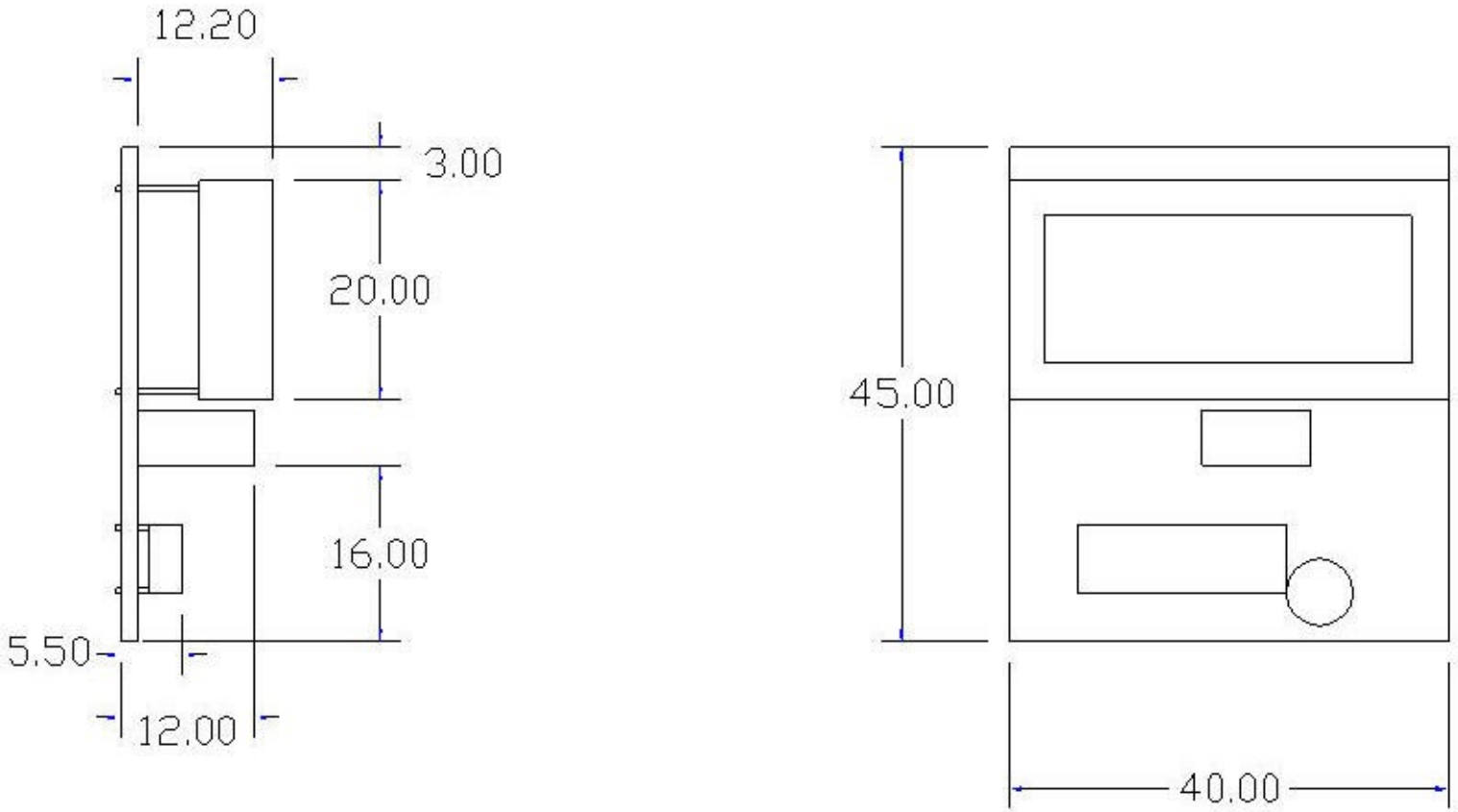

					Material:	Title	Circuit board	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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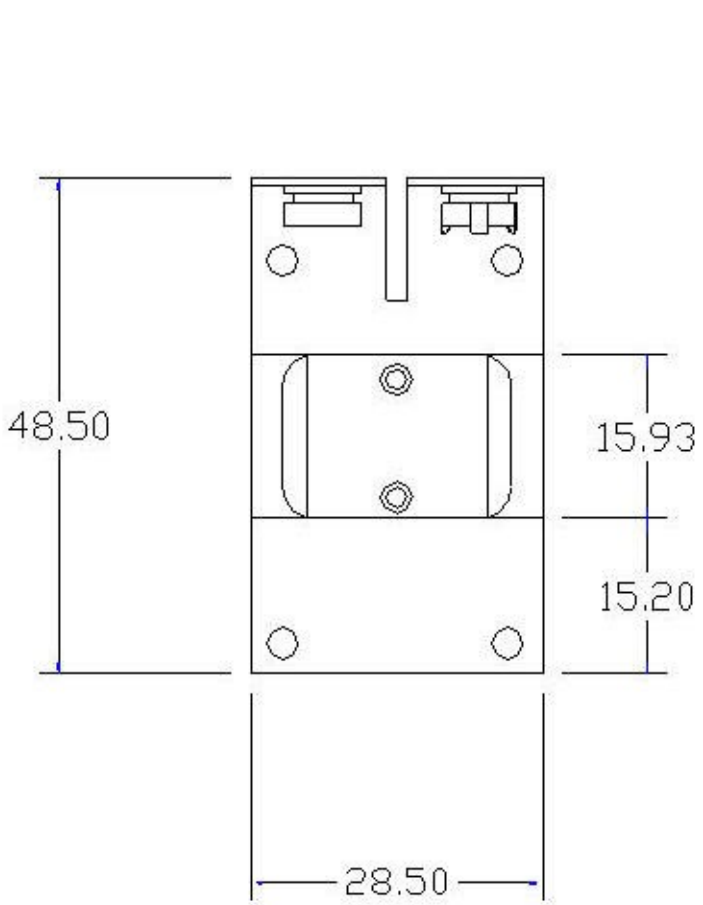

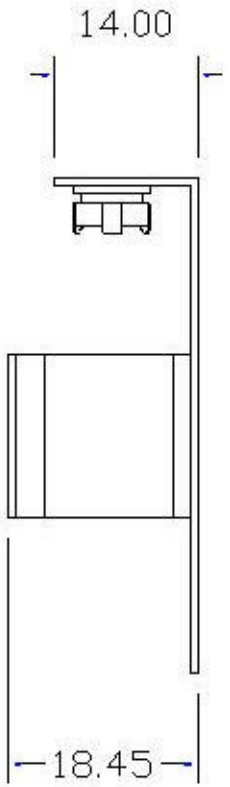

					Material:	Title	Battery Housing	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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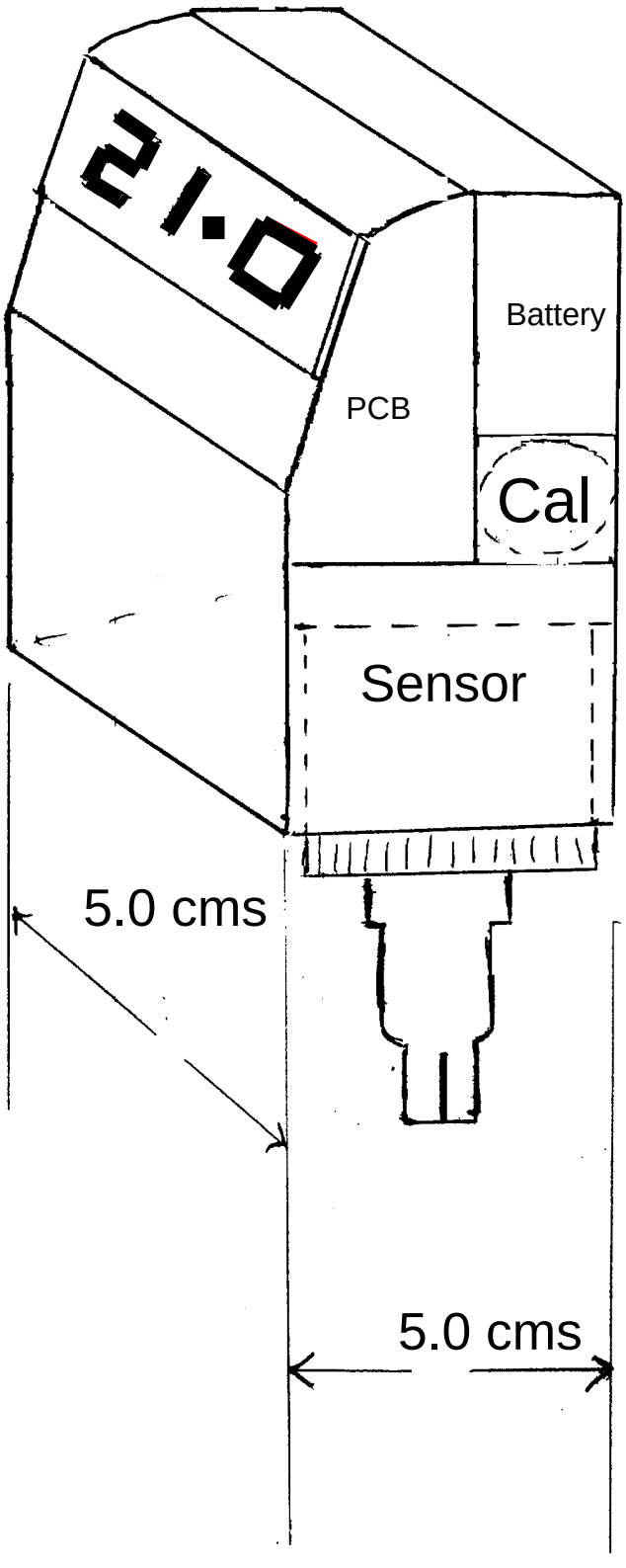
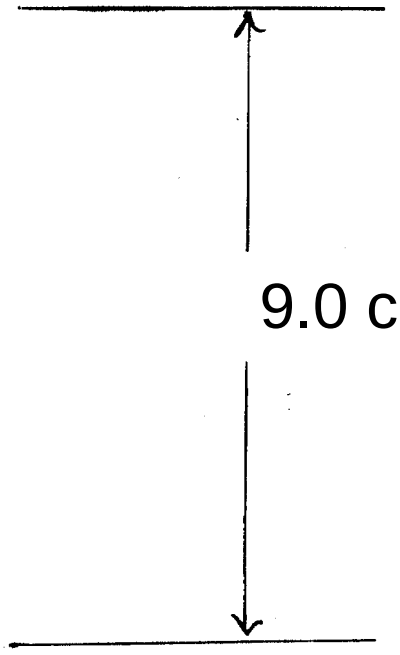
Proposed Case for the Blue-Ox Diving Analyser

ON/OFF switch other side of Calibration control

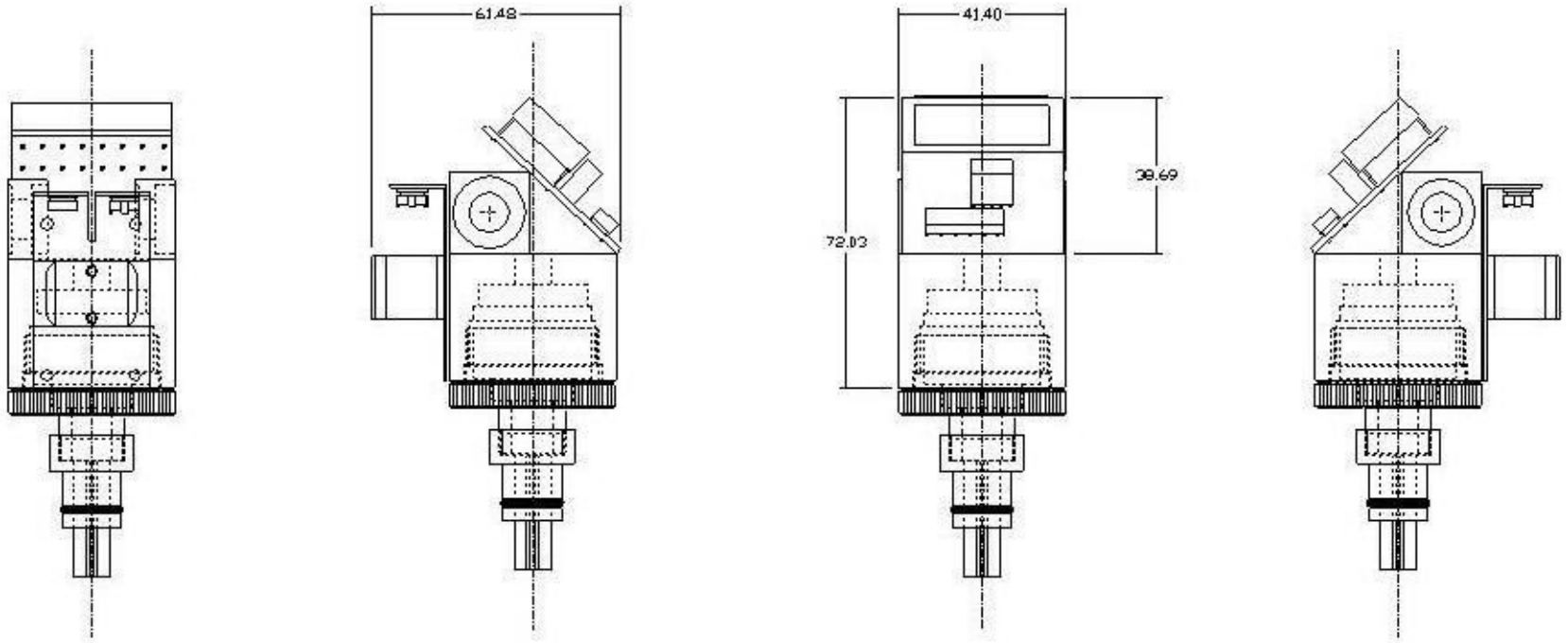
Both controls recessed





Flow diverter in the centre of the base

Vandagraph Ltd
J.S.Lamb
18/05/01



					Material :	Title	Assembled Prototype	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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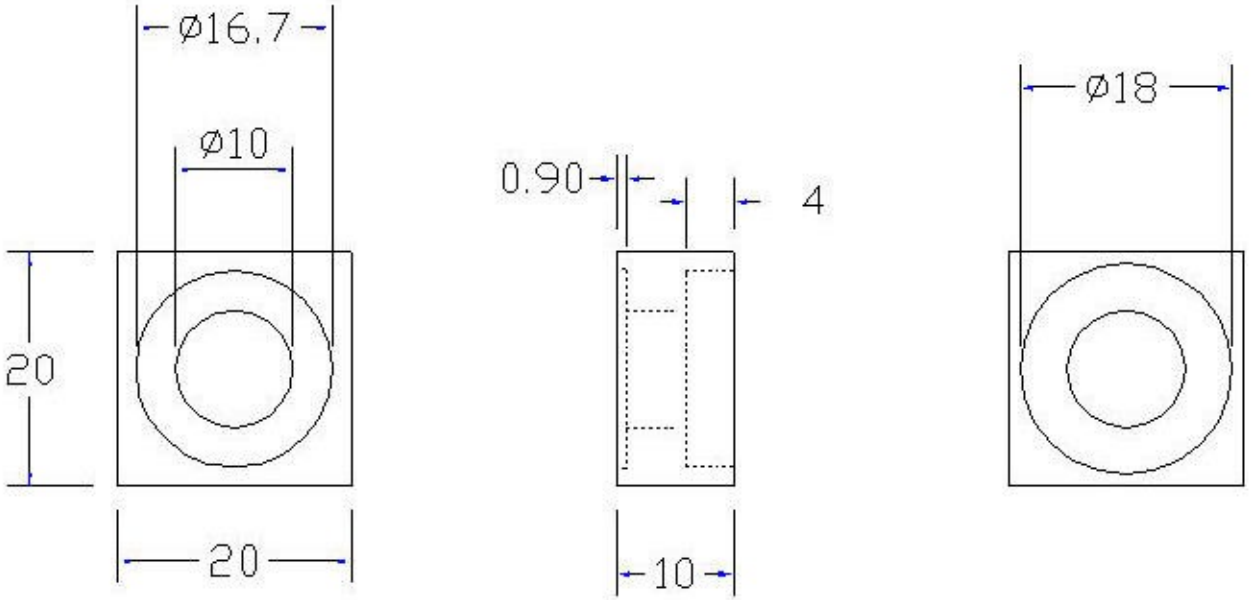

					Material:	Title	Push Switch Housing	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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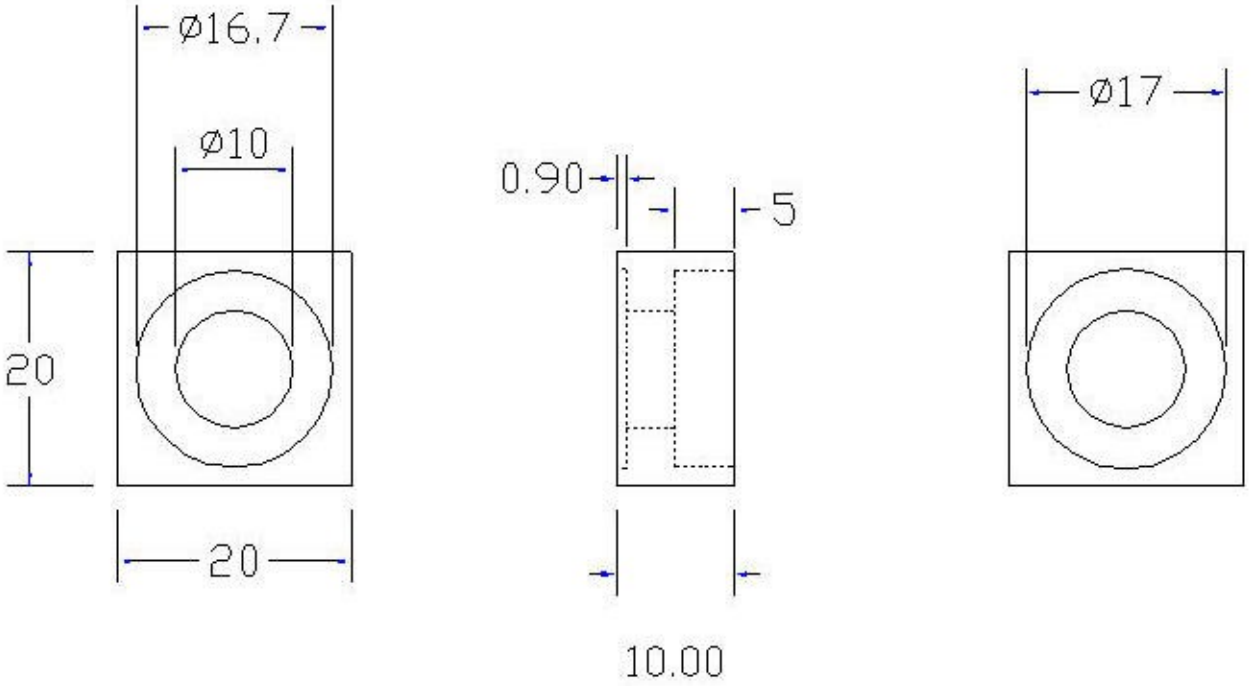

					Material:	Title	Rotary Knob Housing	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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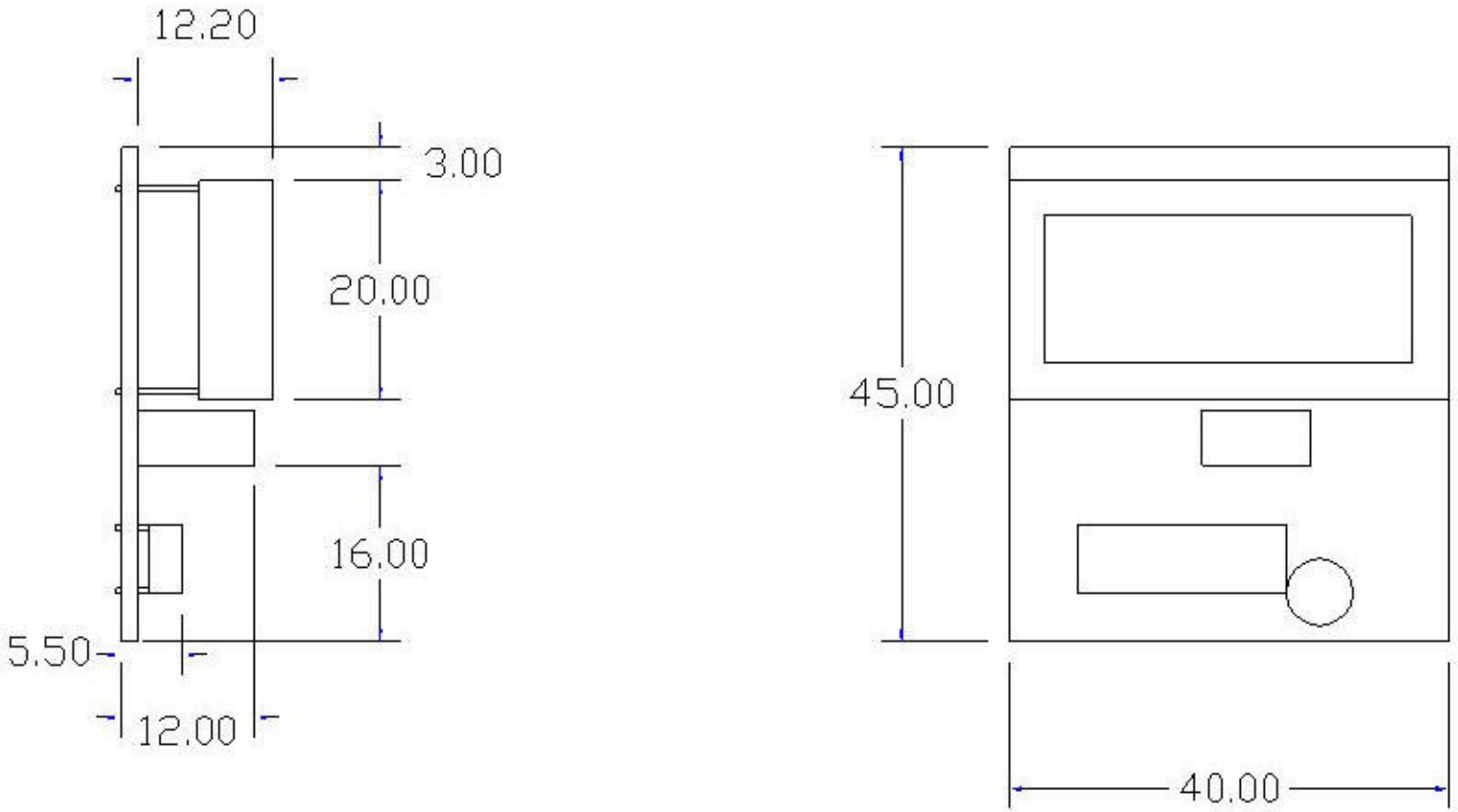

					Material:	Title	Circuit board	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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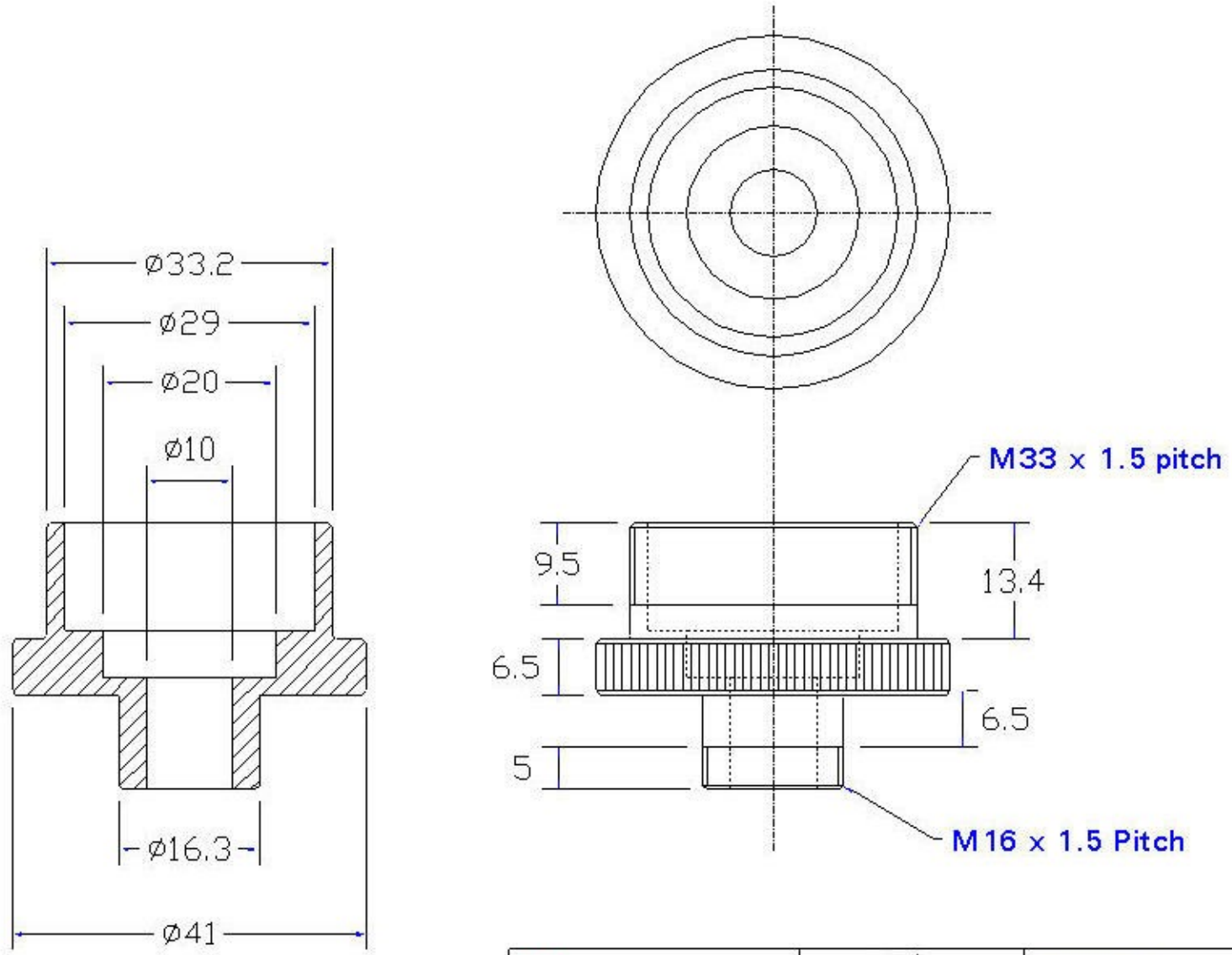

					Material:	Title	End Cap	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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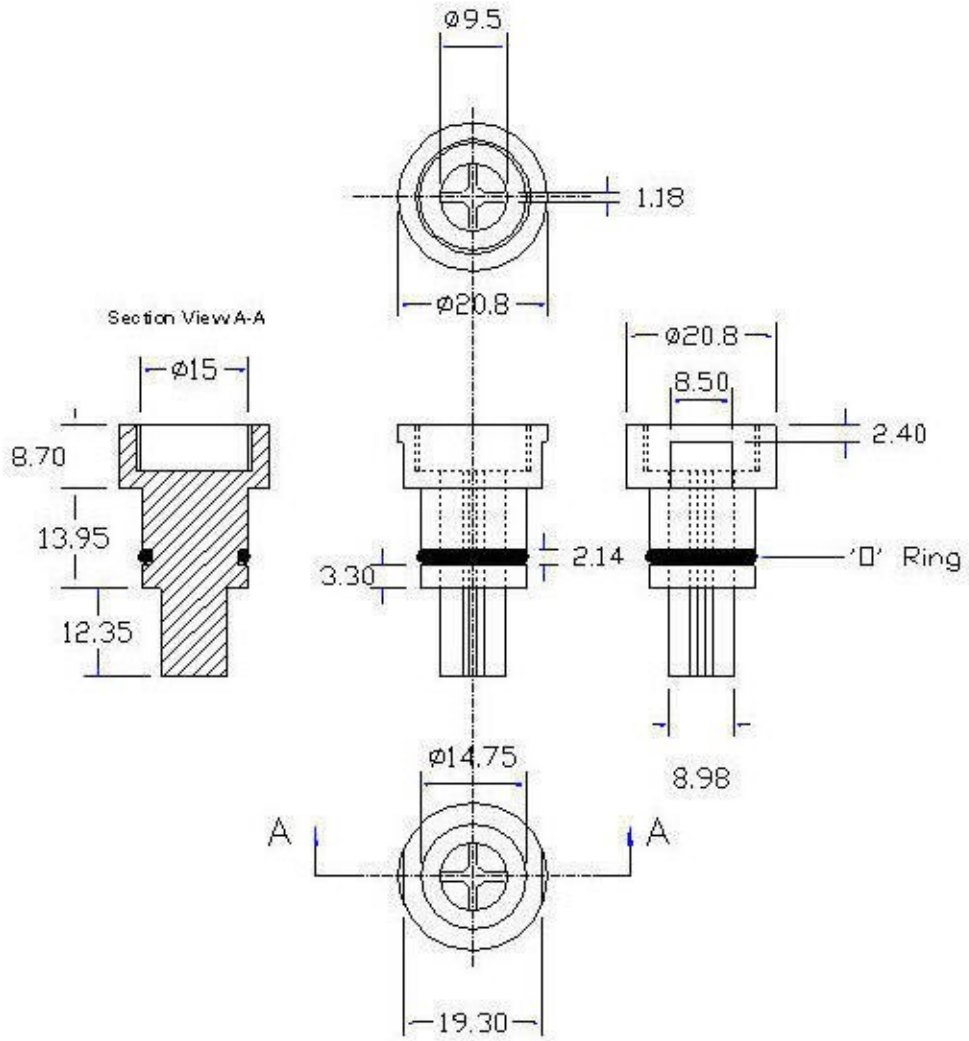

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						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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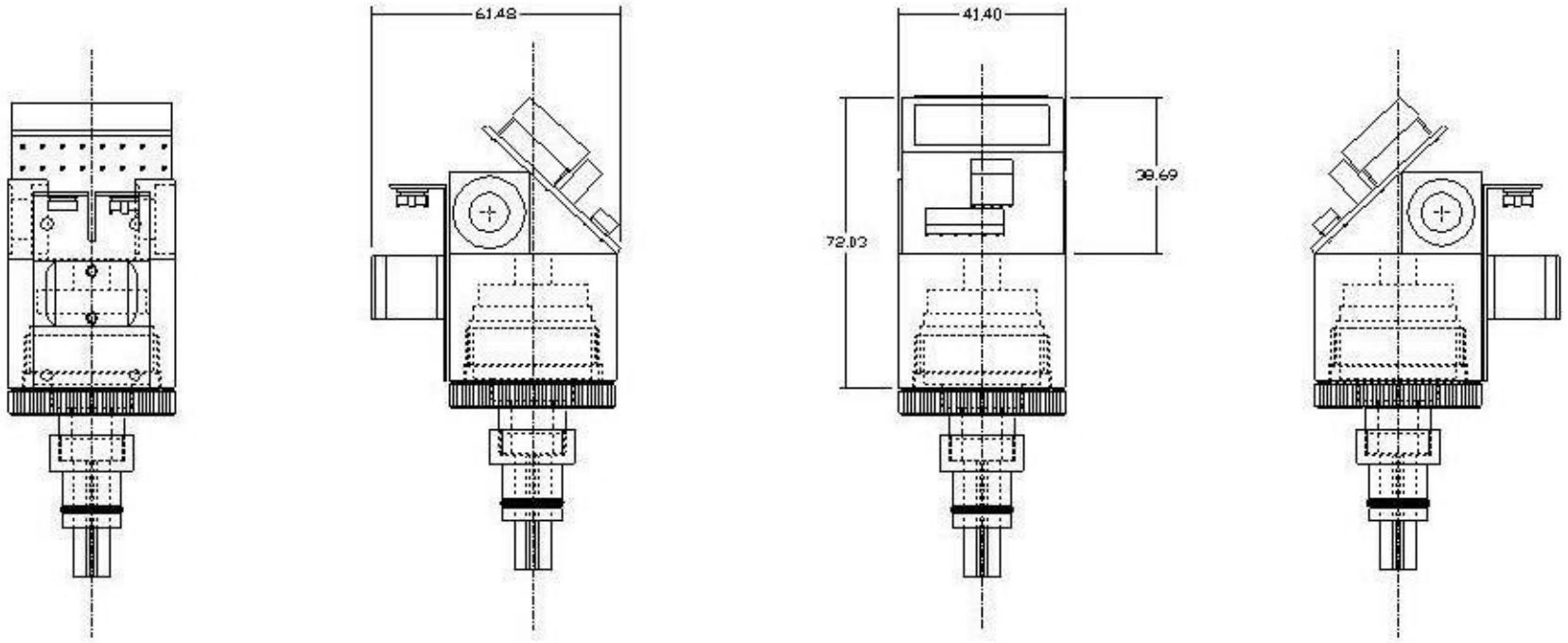

					Material :	Title	Assembled Prototype	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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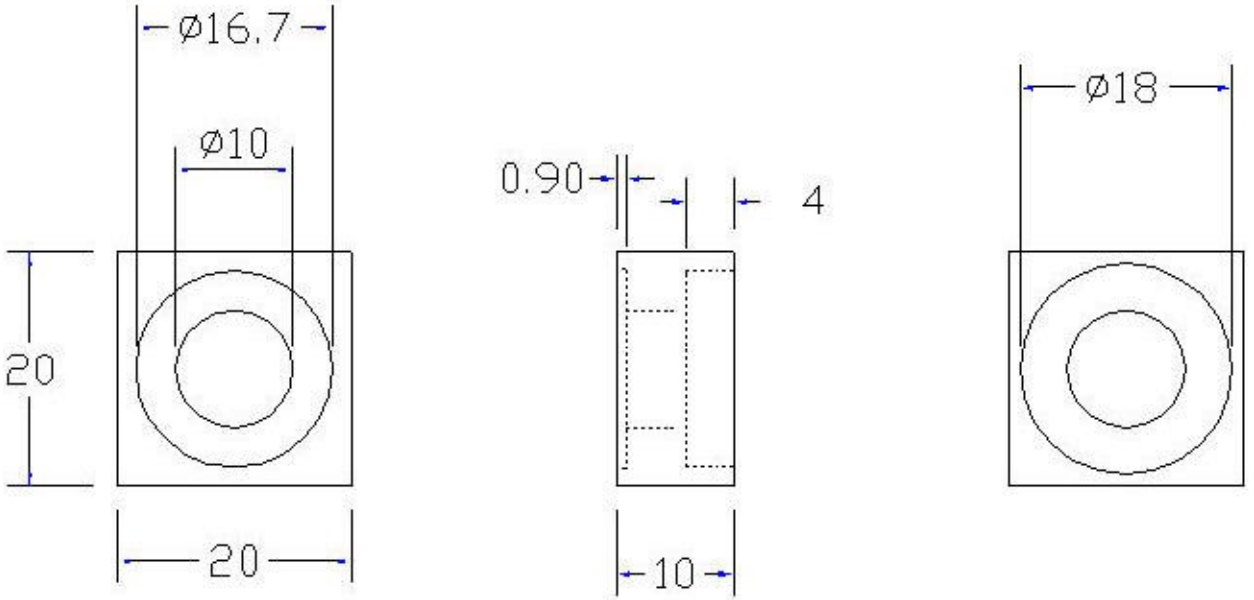

					Material:	Title	Push Switch Housing	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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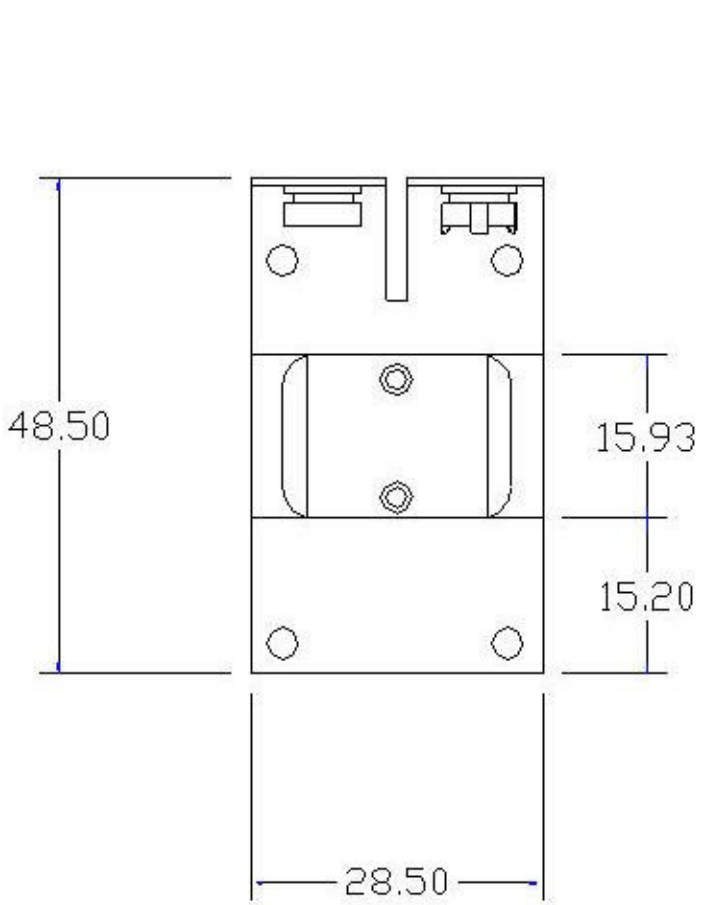

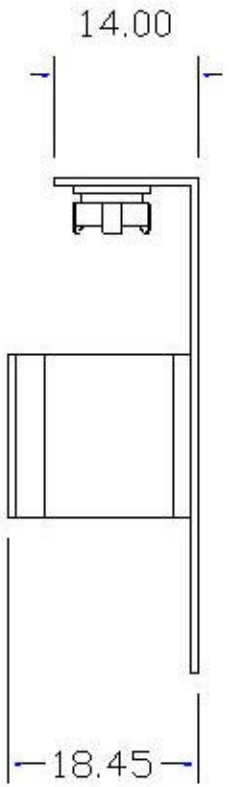

					Material:	Title	Battery Housing	Dim in	mm
								Tol	± 0.2
						Scale	Not To Scale	Drawn	J.Nirwan
REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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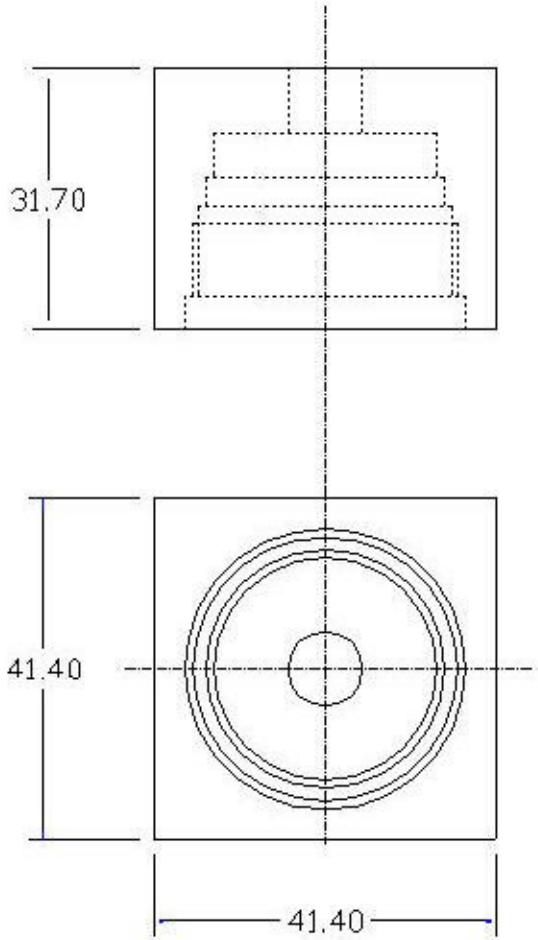

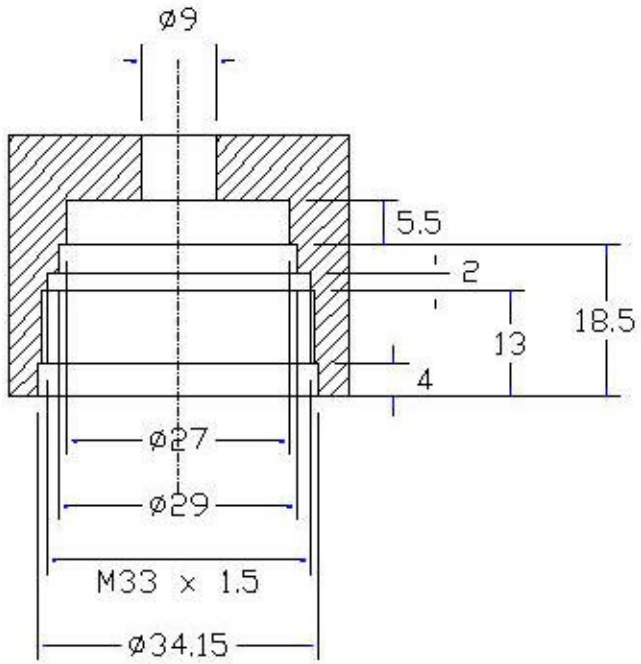

					Material:	Title	Main Body	Dim in	mm
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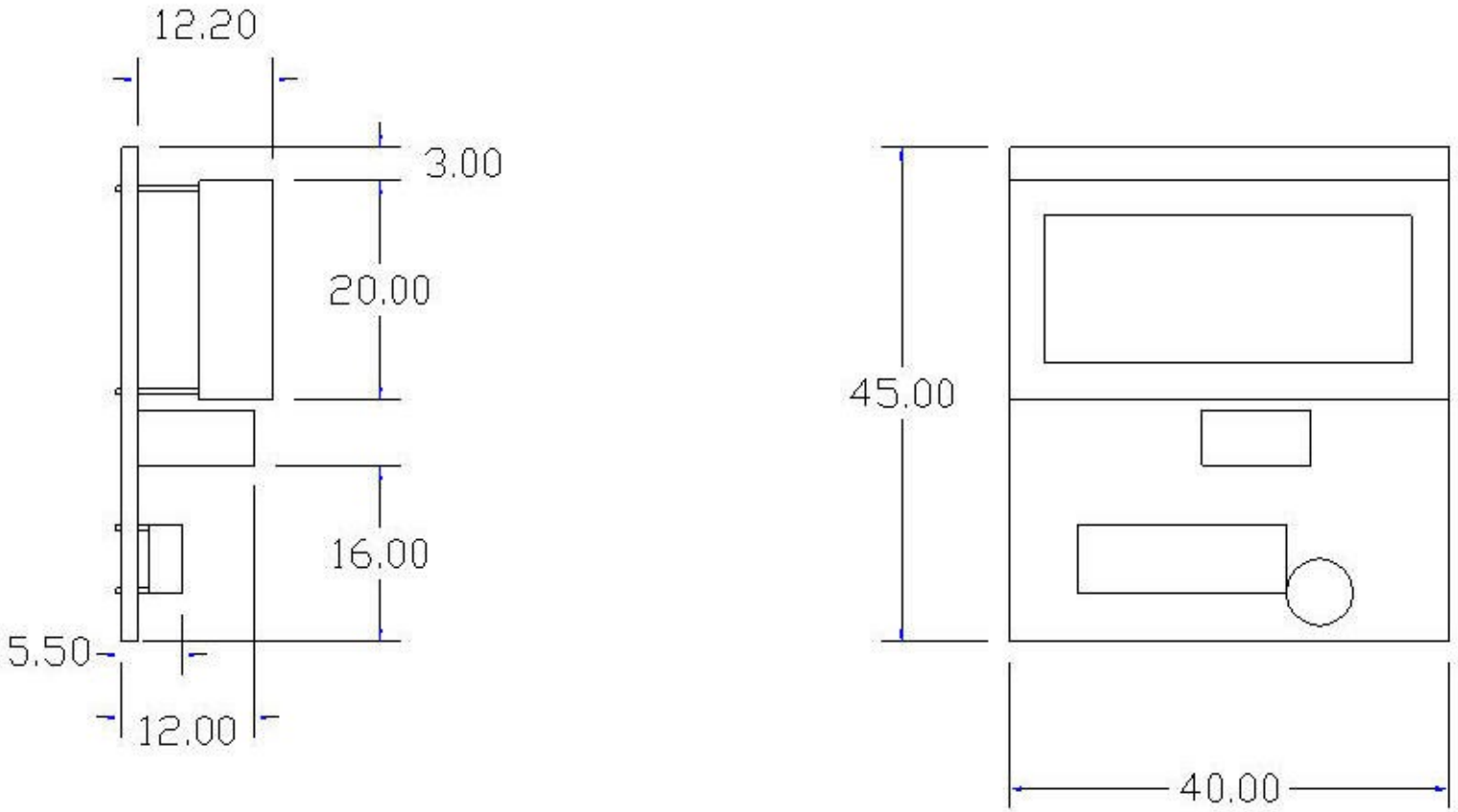

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REV	Date	N°	Drawn	Approv	Part No.	Date	09/01/02	Dwg No.	1 / 1

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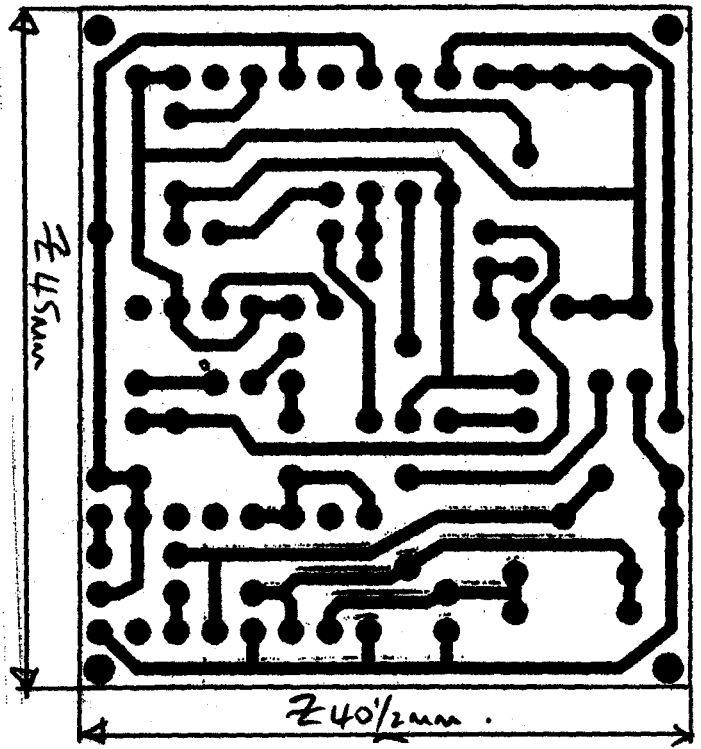
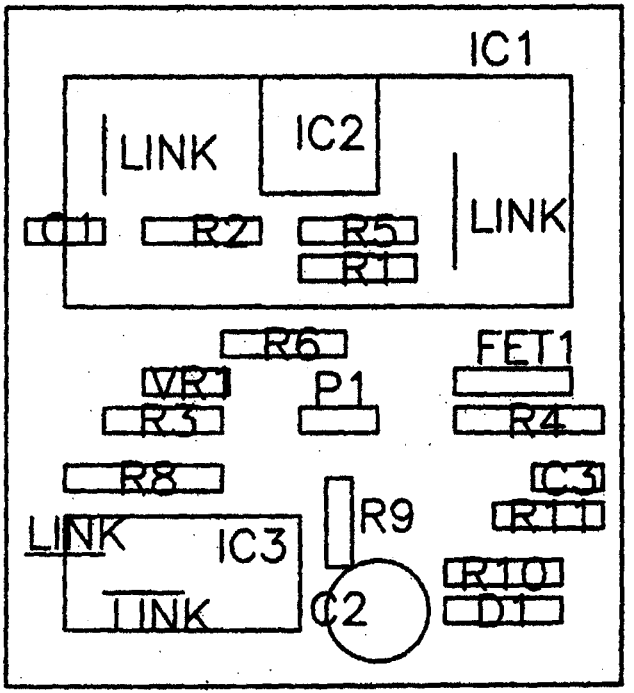
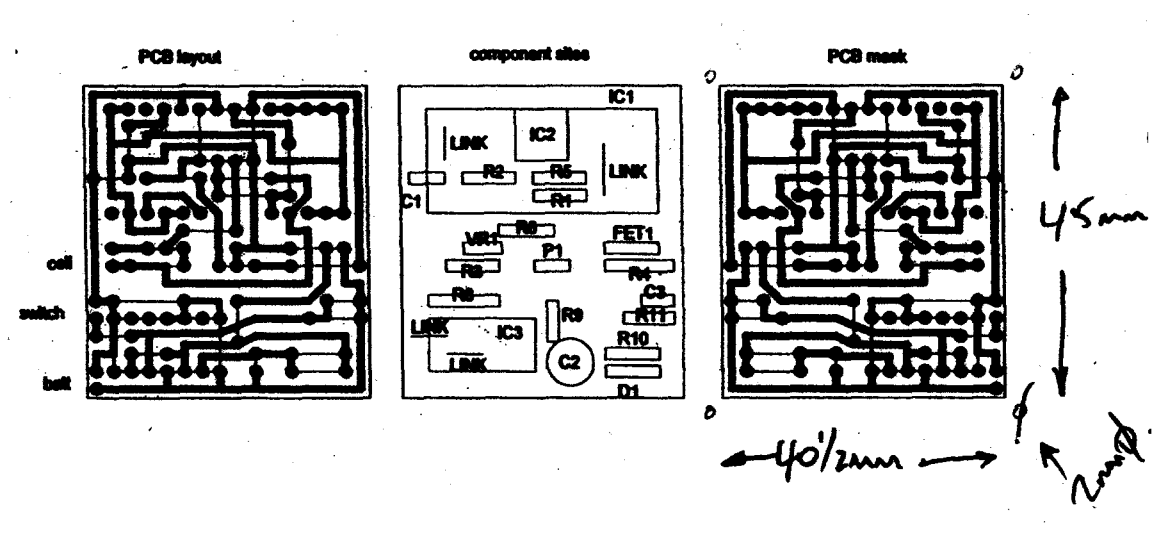
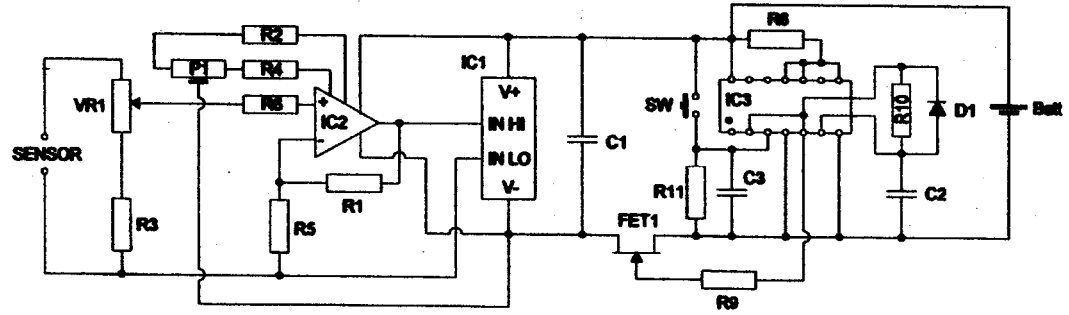
PCB layout

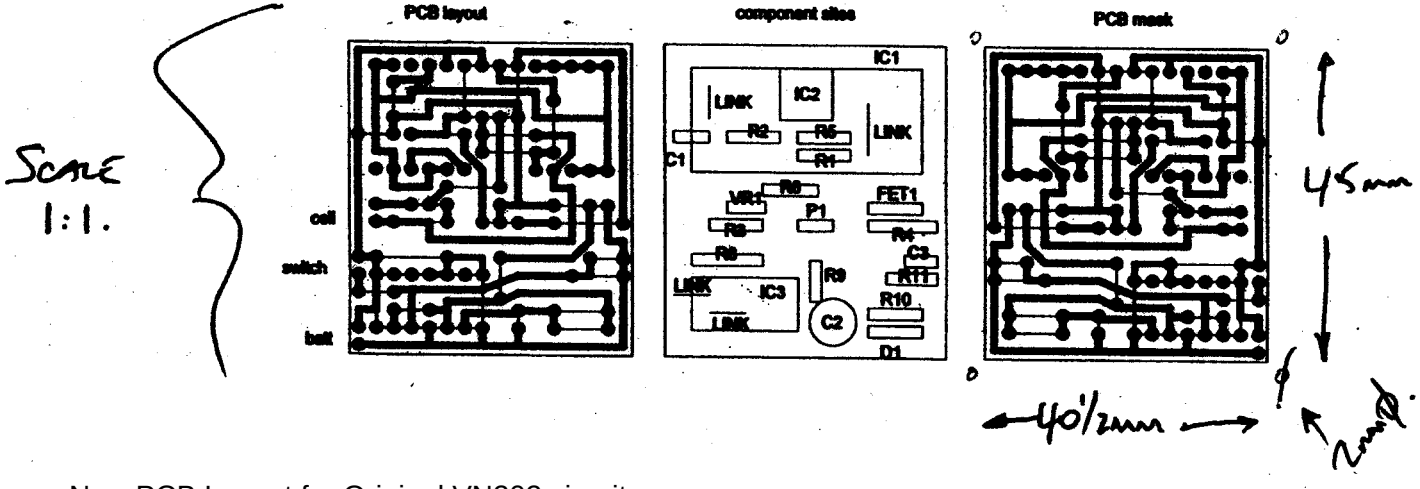


component sites




PCB layout
coil
switch
batt
component sites
IC1
LINK
IC2
R2
R5
LINK
C1
R1
R6
VR1
P1
FET1
R8
R4
R3
C3
R11
LINK
IC3
R9
R10
LINK
C2
D1
PCB mask
45mm
40 1/2mm

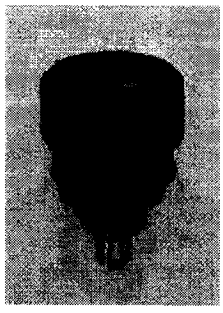




New PCB Layout for Original VN202 circuit

Single Turn Cermet Track Panel Controls 16mm 1W

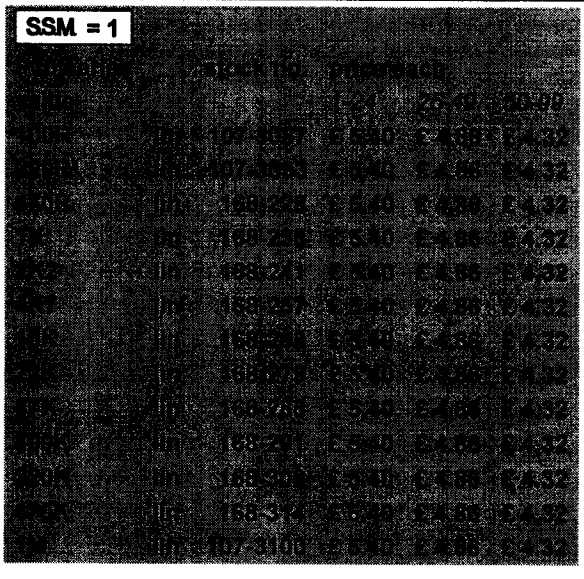
Vishay Sfernice

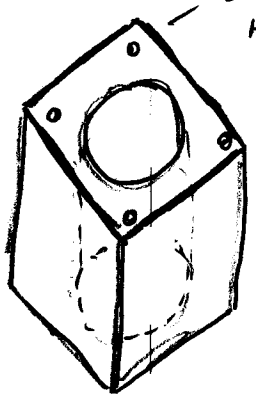


P16 Series

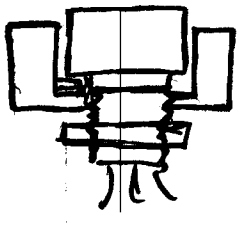
- Unique design with integrated plastic knob
- Mounts directly onto panel
- Minimum clearance required behind panel
- Hermetically sealed and panel sealed
- Supplied with nut, lock washer and sealing ring

Resistive element	Cermet
Power rating	1W at 40°C
Maximum voltage	350V a.c.
Resistance tolerance	±20%
Temperature coefficient	±100ppm/°C
Contact resistance variation	3% or 3Ω whichever is greater
End resistance	1Ω typical
Rotation (nom.)	270° electrical 300° mechanical
Operating temperature	-55 to +125°C
Dimensions	Ø 16 (knob) L. 24 (total)
Mounting bush	Ø 9·5 L. 7
Panel cut out	Ø 10·1 with 8mm double flat



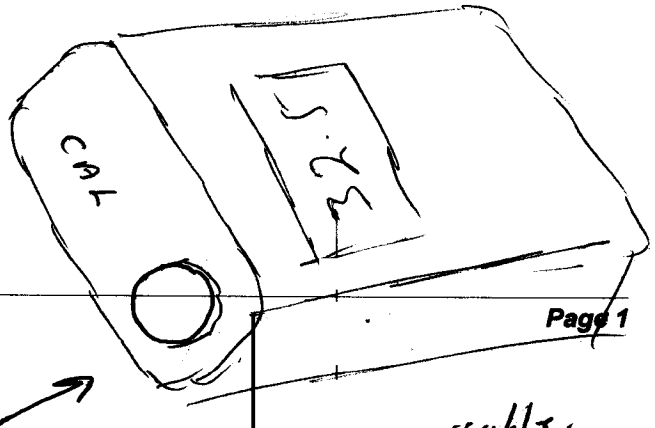


small holes so that Block can be mounted to surface of enclosure.



Pot is sunk into a recess so only 2mm shows proud.

Pot is sunk into a recess so that only 2mm shows proud.



Pot Mounted fast accessable.

15/03/01

Pt VDCAL 1