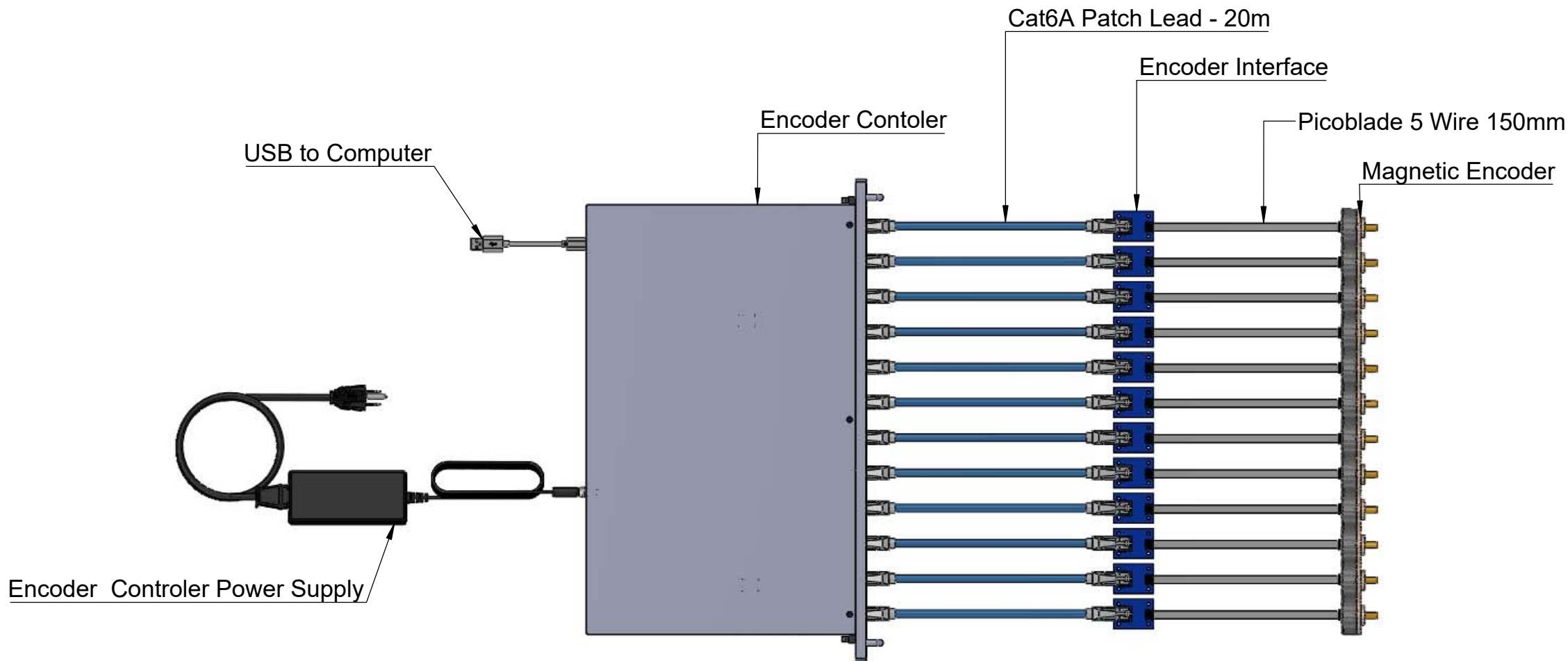
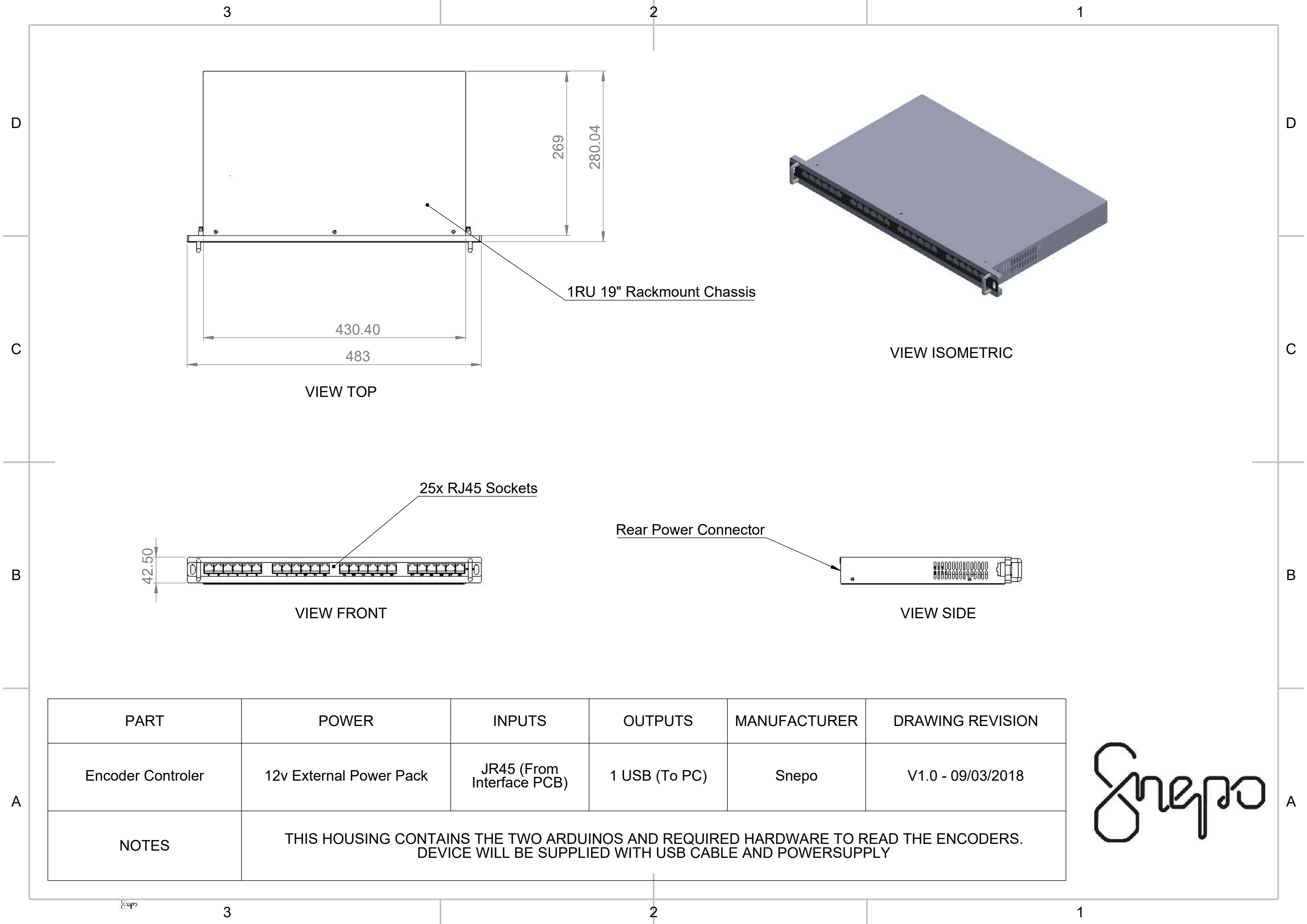


Wiring Diagram

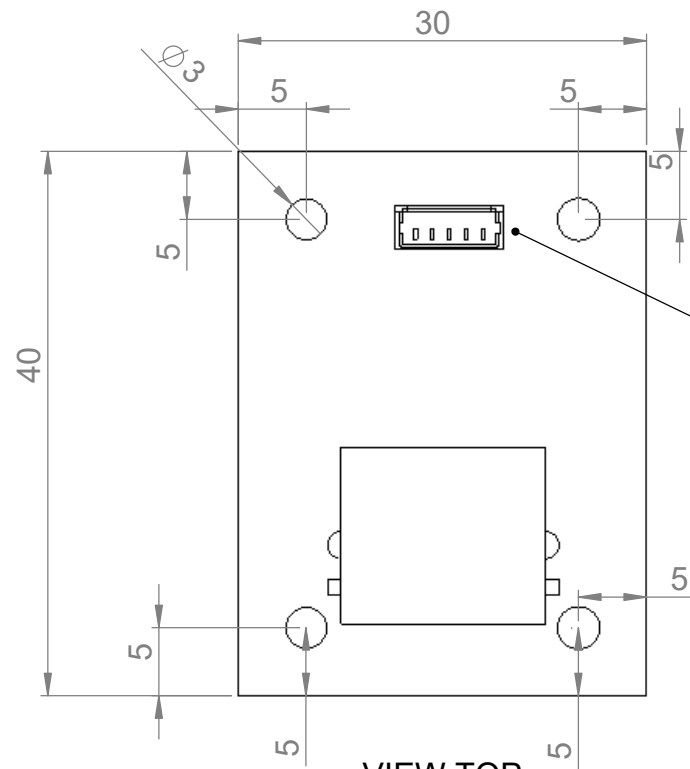


PART	SUPPLIER	PART NUMBER	QUANTITY	MANUFACTURER	DRAWING
Encoder Controler	Snepo	N/A	1	Snepo	Encoder Controler v1.0.PDF
Cat6A Patch Lead - 20m	Jaycar	YN8298	12	Jaycar	N/A
Encoder Interface	Snepo	N/A	12	Snepo	Encoder Interface 1.0 PDF
Picoblade 5 Wire 150mm	Digikey	0151340502	12	Molex	151340502_sd.pdf
Magnetic Encoder	Digikey	AEAT-6012-A06	12	Broadcom	AEAT-6010,12.PDF



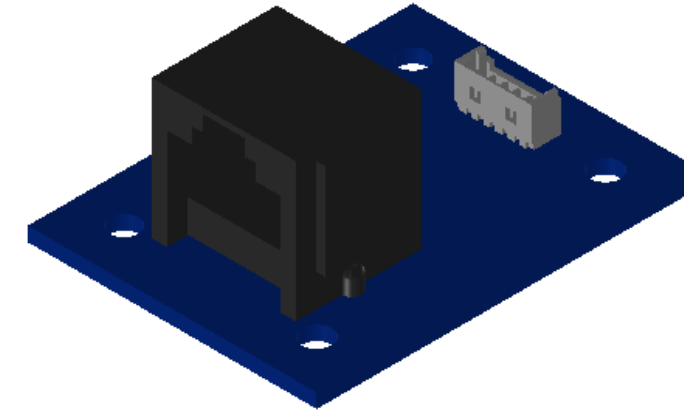
PART	POWER	INPUTS	OUTPUTS	MANUFACTURER	DRAWING REVISION
Encoder Controler	12v External Power Pack	JR45 (From Interface PCB)	1 USB (To PC)	Snepo	V1.0 - 09/03/2018
NOTES	THIS HOUSING CONTAINS THE TWO ARDUINOS AND REQUIRED HARDWARE TO READ THE ENCODERS. DEVICE WILL BE SUPPLIED WITH USB CABLE AND POWERSUPPLY				



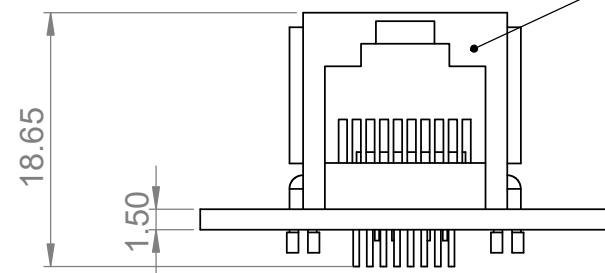


VIEW TOP

MOLEX CONN HEADER 5POS 1.25MM VERT TIN  
MFPN: 0530470510

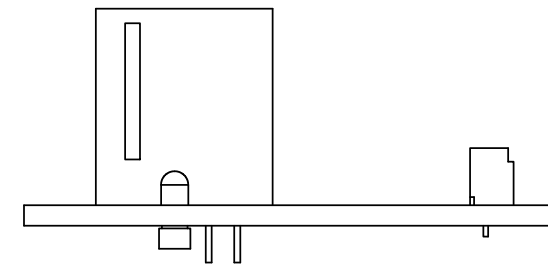


VIEW ISOMETRIC



VIEW FRONT

JAYCAR CONN PCB RJ45  
MFPN: PS1478



VIEW SIDE

PART	POWER	INPUTS	OUTPUTS	MANUFACTURER	DRAWING REVISION
Encoder Interface	Not Required	Picoblade 5 Pin (From Magnetic Encoder)	RJ45 (To Encoder Controller)	Snepo	V1.0 - 09/03/2018
NOTES					

Snepo