

Feeder Beam Break

VARIANT [No Variations]

FILE AEON.Feeder.BeamBreak.SchDoc

APPR *

PROJECT AEON

REVISION 1

SHEET 1/1

DATE 25/05/2023

SIZE A4

FabLab

Sainsbury Wellcome Centre

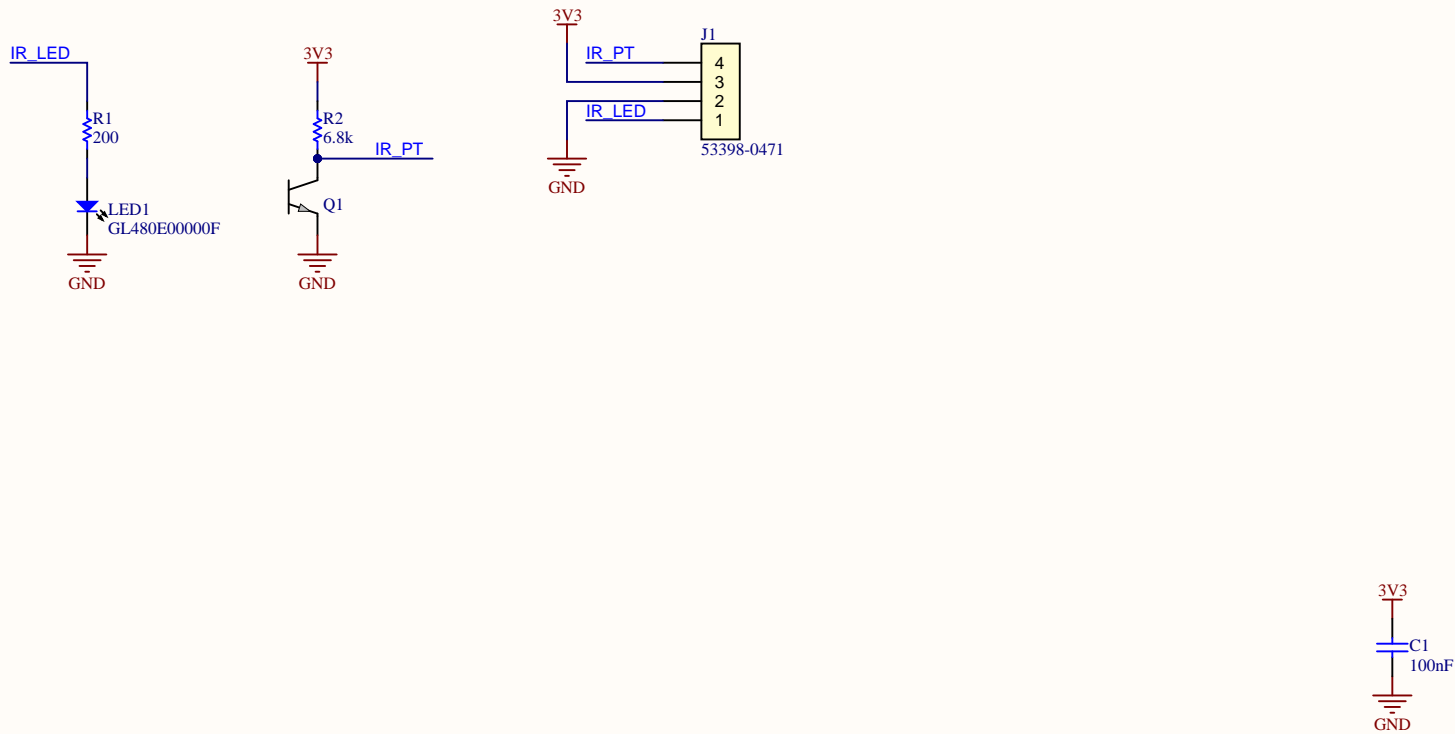
25 Howland Street

London

W1T 4JG

www.sainsburywellcome.org

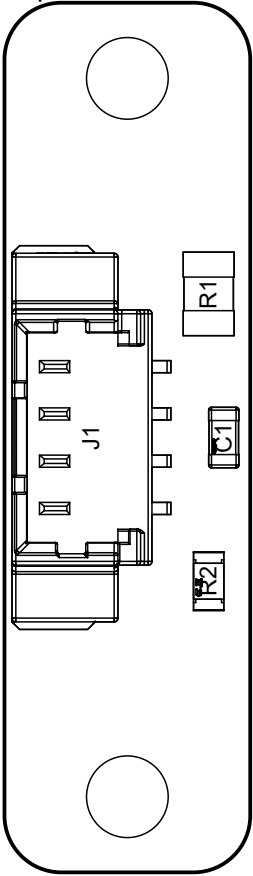
Sainsbury Wellcome Centre



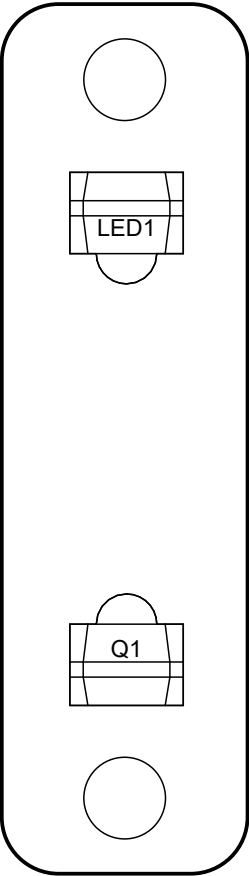
Bill Of Materials (Top)


Line #	Designator	Comment	Quantity
1	C1	C0603-100nF-100V-10%-X7R	1
2	J1	53398-0471	1
3	LED1	GL480E00000F	1
4	Q1	PT480FE0000F	1
5	R1	RES 0805 200R 0.1% 125mW	1
6	R2	R0603-6k8-1/16W-0.1%	1

Top side




Bottom side

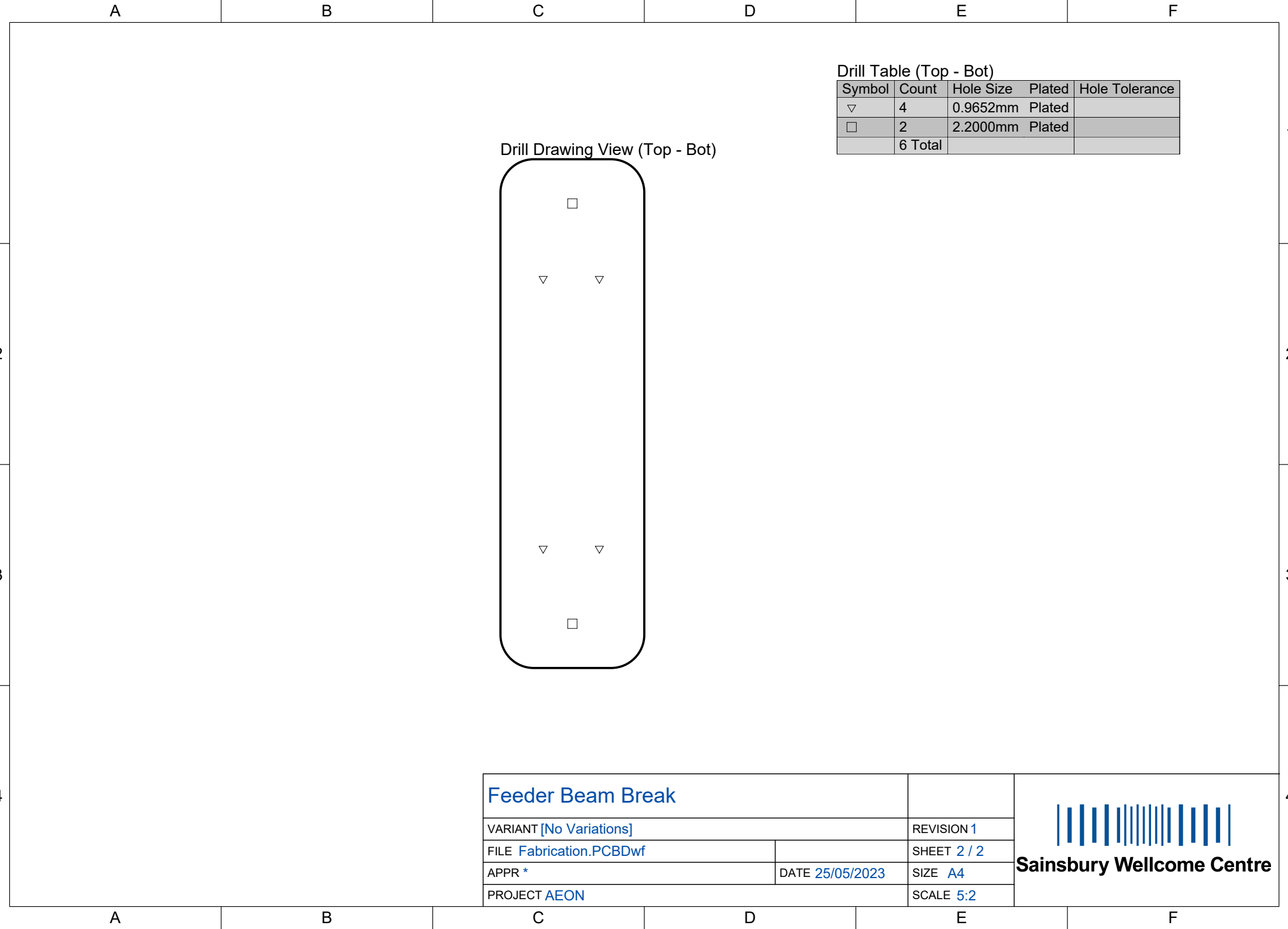


Feeder Beam Break			FabLab Sainsbury Wellcome Centre 25 Howland Street London W1T 4JG www.sainsburywellcome.org	 Sainsbury Wellcome Centre
VARIANT [No Variations]		REVISION 1		
FILE Assembly.PCBDwf		SHEET 1 / 1		
APPR *	DATE 25/05/2023	SIZE A4		
PROJECT AEON		SCALE 5:2		

Layer Stack Legend	Material	Layer	Thickness	Dielectric Material	Type	Gerber
		Top Overlay			Legend	GTO
	Surface Material	Top Solder	0.0254mm	SM-001	Solder Mask	GTS
	Tin	Top Surface Finish	0.0130mm		Surface Finish	
	CF-003	Top Layer	0.0180mm		Signal	GTL
	Core		0.7112mm	Core-039	Dielectric	
	CF-003	Bottom Layer	0.0180mm		Signal	GBL
	Tin	Bottom Surface Finish	0.0130mm		Surface Finish	
	Surface Material	Bottom Solder	0.0254mm	SM-001	Solder Mask	GBS
		Bottom Overlay			Legend	GBO
Total thickness: 0.8240mm						


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Drill Table (Top - Bot)

Symbol	Count	Hole Size	Plated	Hole Tolerance
▽	4	0.9652mm	Plated	
□	2	2.2000mm	Plated	
	6 Total			

Feeder Beam Break			 Sainsbury Wellcome Centre
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FILE Fabrication.PCBDwf		SHEET 2 / 2	
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PROJECT AEON		SCALE 5:2	