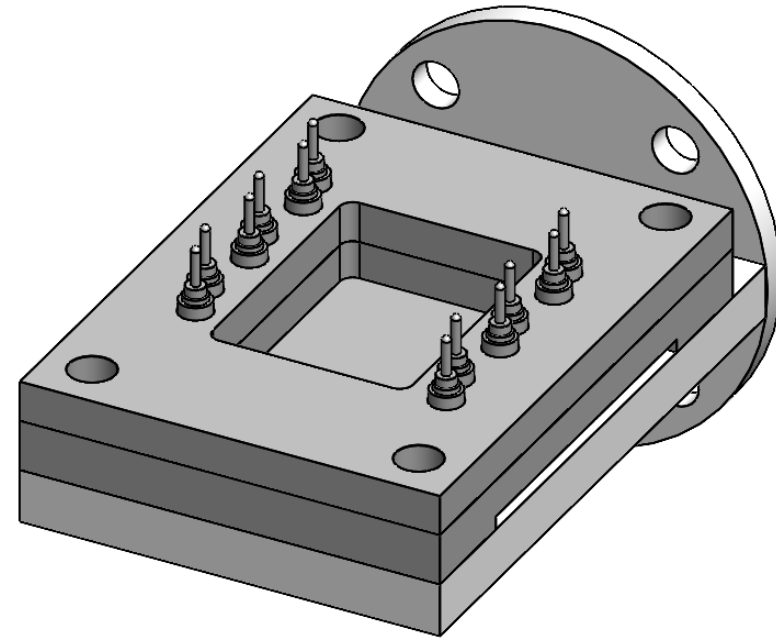
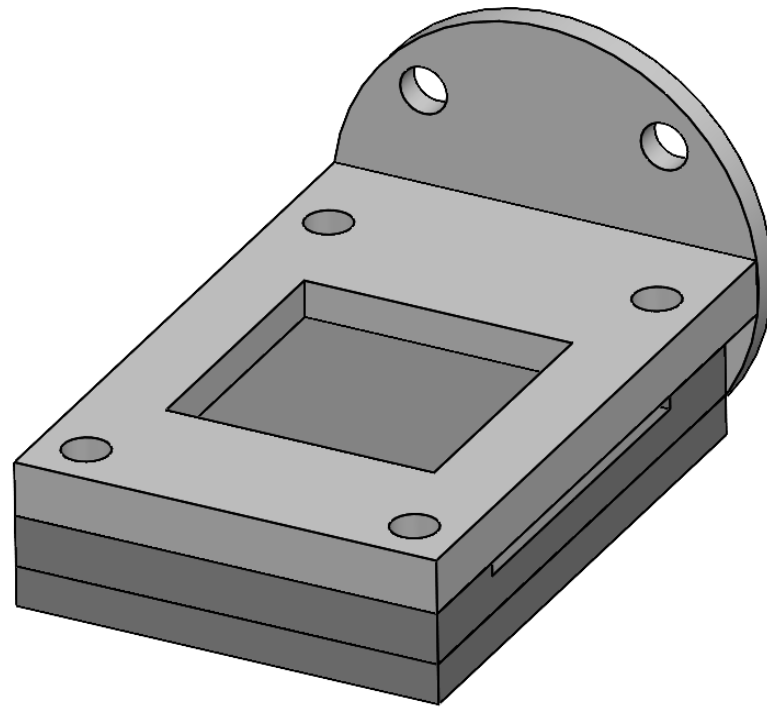




- UNLESS OTHERWISE SPECIFIED:**
1. ALL DIMENSIONS ARE IN MILLIMETERS
 2. INTERPRET DIMENSIONS AND TOLERANCES PER: ASME Y14.5
 3. MACHINED FINISH
Ra= 1.6µm
 4. MACHINED ANGLES $\pm 1/2^\circ$
FORMED ANGLES $\pm 1^\circ$
 5. BREAK SHARP CORNERS & REMOVE ALL BURRS MAX OF 0.25x45° (mm)
 6. DIMENSIONS WITHOUT TOLERANCES PER ISO2768-m K

THIRD ANGLE
PROJECTION



PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (KAUST). ANY PARTIAL OR TOTAL REPRODUCTION WITHOUT THE WRITTEN PERMISSION OF KAUST IS PROHIBITED.

NAME	SIGNATURE	DATE
Modeled	Sultan Aljohani	28-Nov-23
Drafted	Nikolaos Papagiannis	29-Nov-23
Chk'd	Yousuf Aljohani	29-Nov-23
Appv'd	Nikolaos Papagiannis	30-Nov-23

REQUESTORS' APPROVAL DATE:

DESCRIPTION:
Sample Holder Mod II

COMMENTS:

Prototyping & Product Development Core Lab
Projects & Engineering Dpt.
KAUST Core Labs & Research Infrastructure

Assembly Name:
holder Master Assy
Configuration Name:
Default

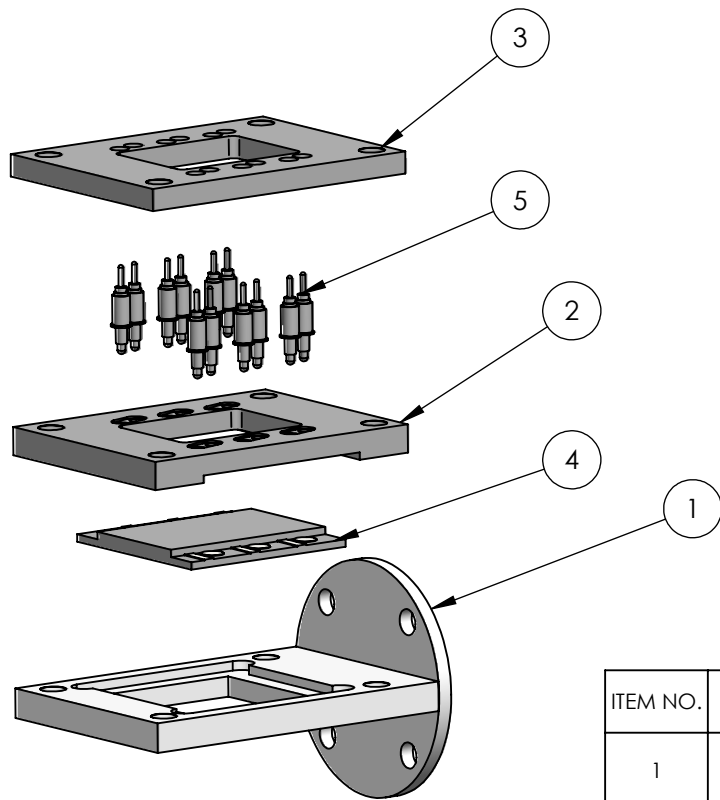
JOB REQUEST NO.:
RFS 1002305288

QUANTITY:
1

MATERIAL:

REMARKS: WM
REVISION: A.6
SIZE: A4

SCALE: 1:50
SHEET 1 OF 5



ITEM NO.	PART NUMBER	Material	DESCRIPTION	Remarks	QTY
1	Sample Holder TDCF	AISI 316 (SS)	Stationary holder	CS	1
2	Pin Holder p.1	PTFE	Bottom Pogo Pin Holder	WM	1
3	Pin Holder p.2	PTFE	Top Pogo Pin Holder	WM	1
4	SolarCell v3 4976	N/A	Testing Sample	CS	1
5	Spring-Loaded Insulated Spring Pin	N/A	Pogo Pin	CS	12

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THIRD ANGLE
PROJECTION



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REQUESTORS' APPROVAL DATE:

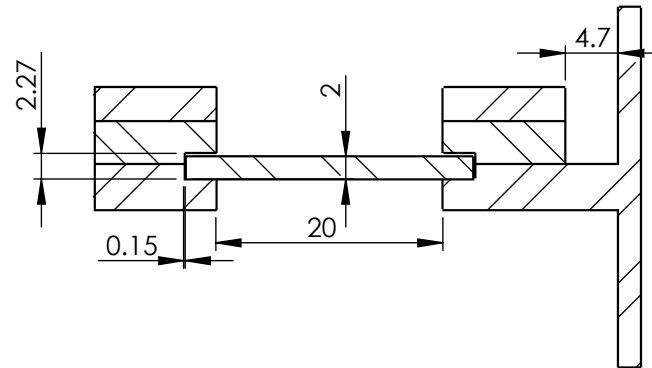
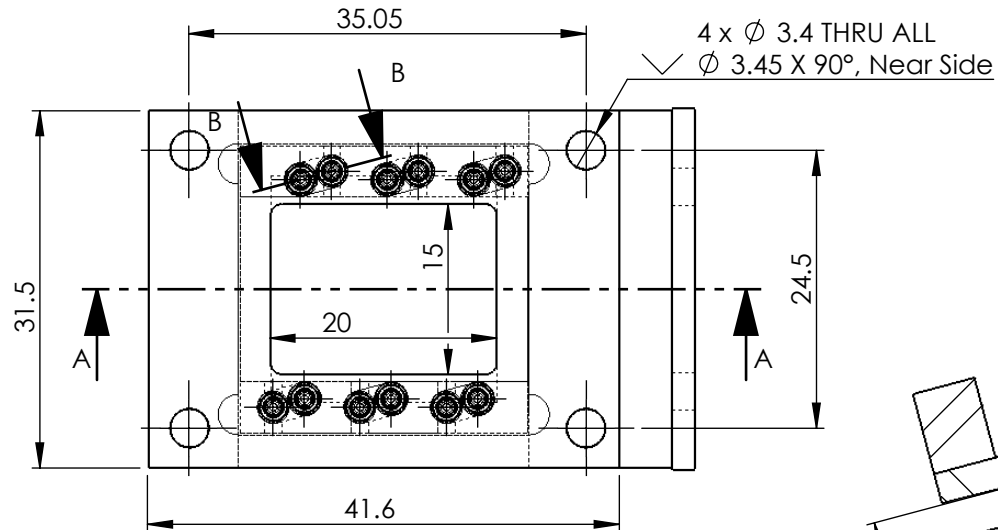
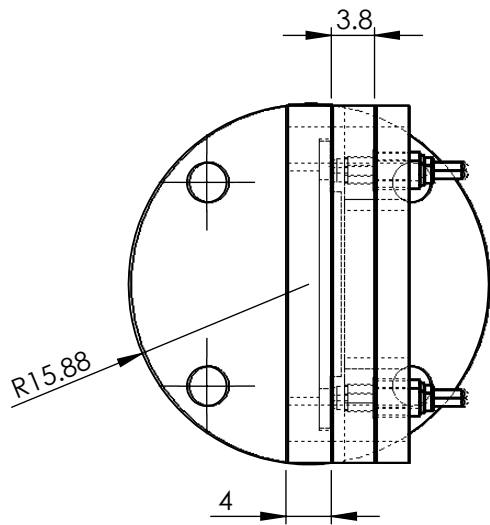
DESCRIPTION:
Sample Holder Mod II

COMMENTS:

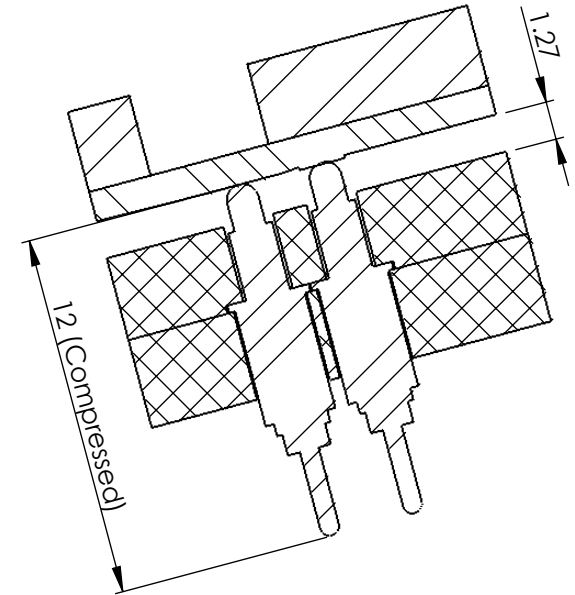
Prototyping & Product Development Core Lab
Projects & Engineering Dpt.
KAUST Core Labs & Research Infrastructure

Assembly Name:
holder Master Assy
Configuration Name:
Default

JOB REQUEST NO.:	REMARKS:	REVISION:
RFS 1002305288	WM	A.6
QUANTITY:	MATERIAL:	SCALE:
1		1:1
		SHEET
		2 OF 5



SECTION A-A



SECTION B-B
SCALE 4 : 1

UNLESS OTHERWISE SPECIFIED:

1. ALL DIMENSIONS ARE IN MILLIMETERS
2. INTERPRET DIMENSIONS AND TOLERANCES PER: ASME Y14.5
3. MACHINED FINISH
 $R_a = 1.6 \mu m$
4. MACHINED ANGLES $\pm 1/2^\circ$
FORMED ANGLES $\pm 1^\circ$
5. BREAK SHARP CORNERS & REMOVE ALL BURRS MAX OF $0.25 \times 45^\circ$ (mm)
6. DIMENSIONS WITHOUT TOLERANCES PER ISO2768-m K

THIRD ANGLE
PROJECTION



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REQUESTORS' APPROVAL DATE:

DESCRIPTION:
Sample Holder Mod II

COMMENTS:

Prototyping & Product Development Core Lab
Projects & Engineering Dpt.
KAUST Core Labs & Research Infrastructure

Assembly Name:
holder Master Assy
Configuration Name:
Default

JOB REQUEST NO.:
RFS 1002305288

QUANTITY:
1

MATERIAL:

REMARKS: WM
REVISION: A.6
SIZE: A4

SCALE: 3:2
SHEET 3 OF 5

6		5		4		3		2		1																
ITEM NO.	PART NUMBER		Material	DESCRIPTION		Remarks	QTY	Part Master Qty	Revision																	
1	Sample Holder TDCF		AISI 316 (SS)	Stationary holder		CS	1	1	A.6																	
2	Spring-Loaded Insulated Spring Pin		N/A	Pogo Pin		CS	12	12	A.5																	
3	Pin Holder p.2		PTFE	Top Pogo Pin Holder		WM	1	1	A.4																	
4	SolarCell v3 4976		N/A	Testing Sample		CS	1	1	.																	
5	Pin Holder p.1		PTFE	Bottom Pogo Pin Holder		WM	1	1	A.5																	
UNLESS OTHERWISE SPECIFIED: 1. ALL DIMENSIONS ARE IN MILLIMETERS 2. INTERPRET DIMENSIONS AND TOLERANCES PER: ASME Y14.5 3. MACHINED FINISH Ra= 1.6µm 4. MACHINED ANGLES ±1/2° FORMED ANGLES ±1° 5. BREAK SHARP CORNERS & REMOVE ALL BURRS MAX OF 0.25x45° (mm) 6. DIMENSIONS WITHOUT TOLERANCES PER ISO2768-m K THIRD ANGLE PROJECTION PROPRIETARY AND CONFIDENTIAL.: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (KAUST). ANY PARTIAL OR TOTAL REPRODUCTION WITHOUT THE WRITTEN PERMISSION OF KAUST IS PROHIBITED. <table><tr><td>NAME</td><td>SIGNATURE</td><td>DATE</td></tr><tr><td>Modeled</td><td>Sultan Aljohani</td><td>28-Nov-23</td></tr><tr><td>Drafted</td><td>Nikolaos Papagiannis</td><td>29-Nov-23</td></tr><tr><td>Chk'd</td><td>Yousuf Aljohani</td><td>29-Nov-23</td></tr><tr><td>Appv'd</td><td>Nikolaos Papagiannis</td><td>30-Nov-23</td></tr></table> REQUESTORS' APPROVAL DATE: DESCRIPTION: Sample Holder Mod II COMMENTS: Prototyping & Product Development Core Lab Projects & Engineering Dpt. KAUST Core Labs & Research Infrastructure Assembly Name: holder Master Assy Configuration Name: Default JOB REQUEST NO.: RFS 1002305288 REMARKS: WM REVISION: A.6 SIZE: A4 QUANTITY: 1 MATERIAL: SCALE: 1:5 SHEET 4 OF 5												NAME	SIGNATURE	DATE	Modeled	Sultan Aljohani	28-Nov-23	Drafted	Nikolaos Papagiannis	29-Nov-23	Chk'd	Yousuf Aljohani	29-Nov-23	Appv'd	Nikolaos Papagiannis	30-Nov-23
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