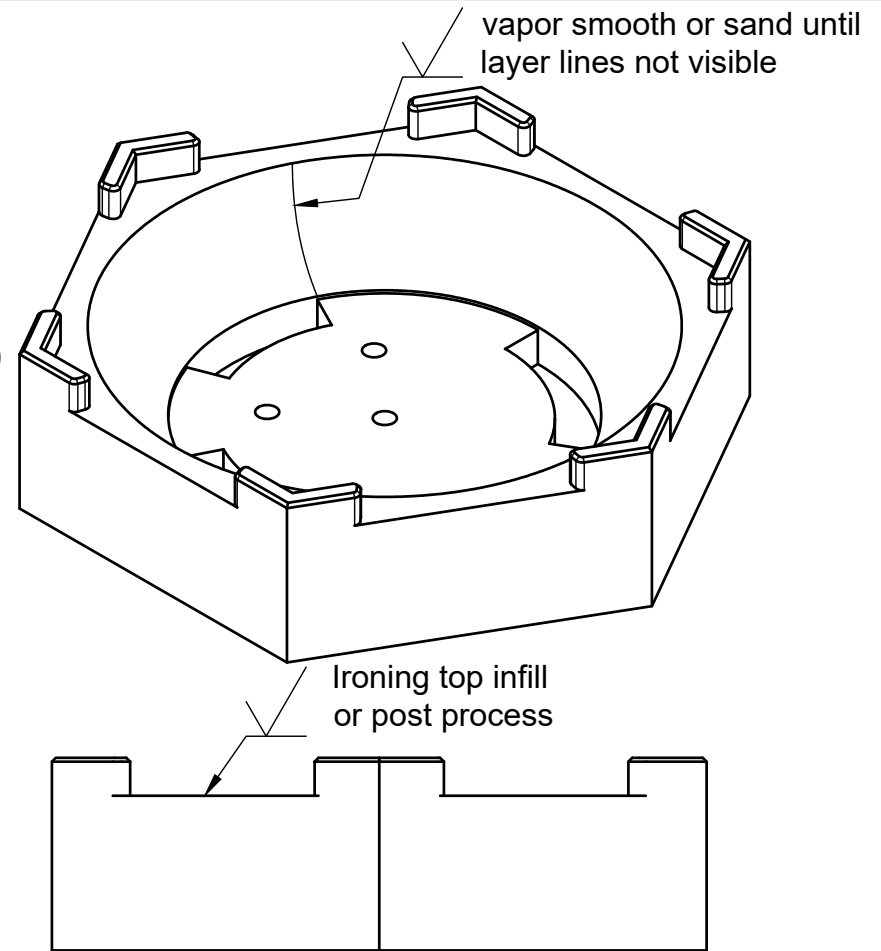
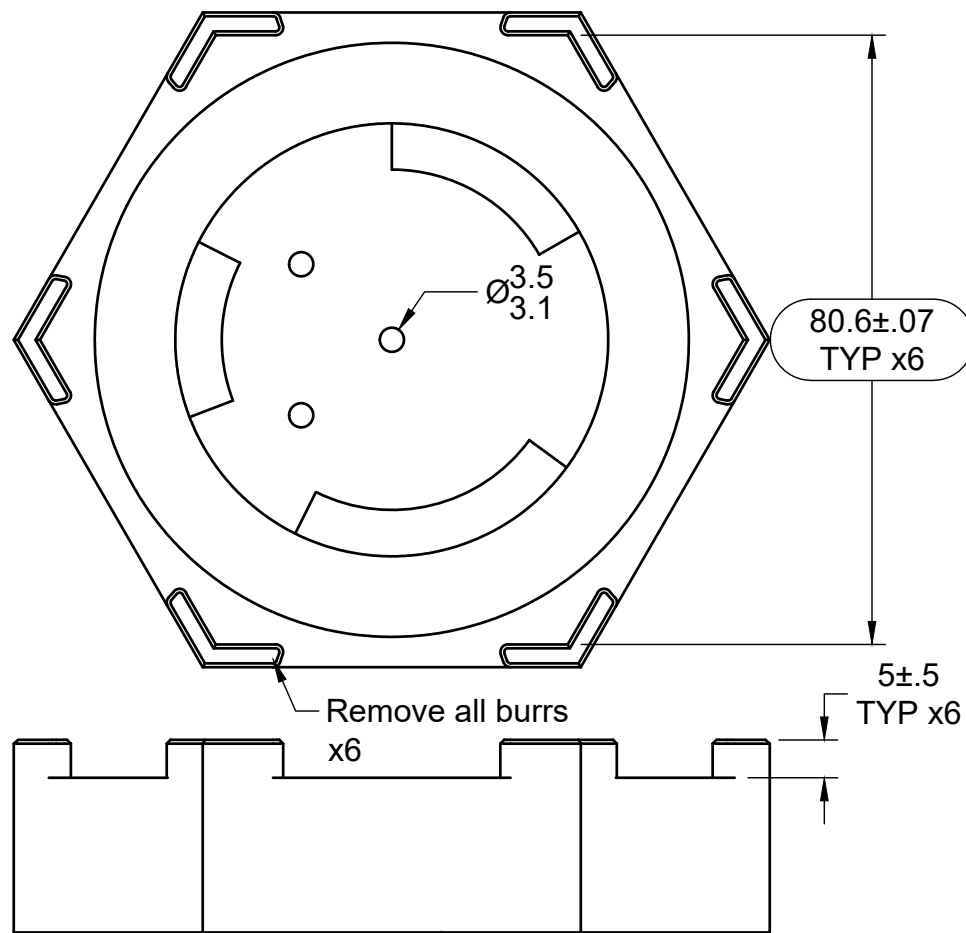


BOM	
Item	Qty
top mold	1
inner mold A	1
inner mold B	1
bottom mold	1
M3x4.6x5.6mm threaded insert	6
M3x12 pan head philips	6

		PROJECT		
		wifi-LED-poi		
		TITLE		
		poi_assembly Mold assembly one page		
APPROVED		SIZE	CODE	DWG NO
CHECKED		A		
DRAWN	Winnie Szeto	12/27/2021	SCALE 1:1	WEIGHT
				SHEET 1/5
				REV 1.0

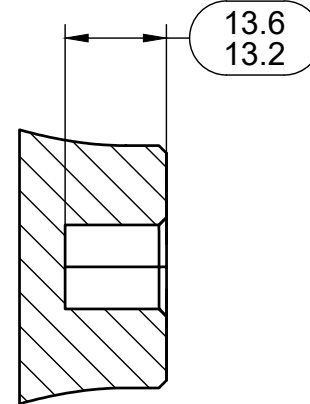
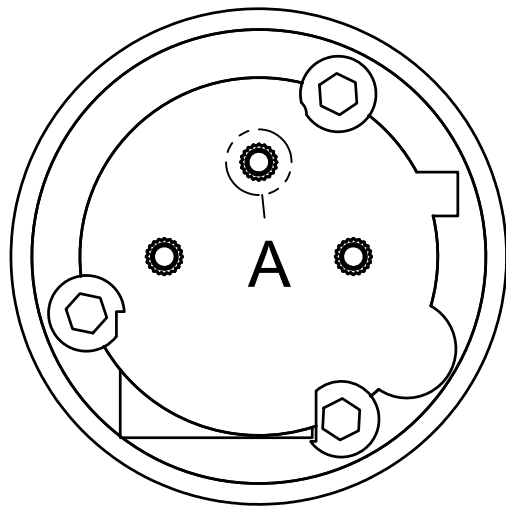


bottom face for FDM 3D printing

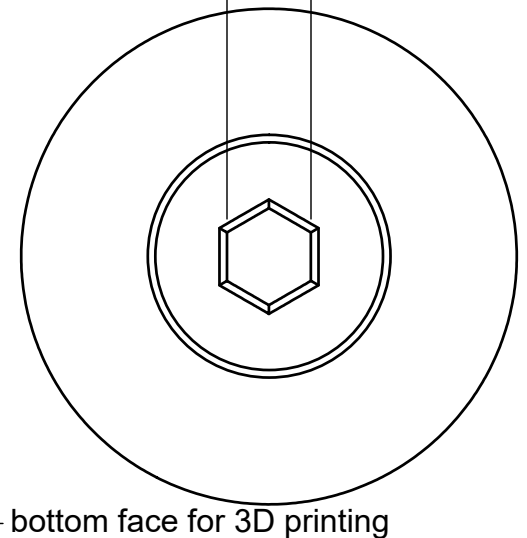
Material: ABS		PROJECT			
		wifi-LED-poi			
APPROVED		TITLE			
		poi_assembly bottom piece detail			
CHECKED		SIZE	CODE	DWG NO	REV
		A			1.0
DRAWN	Winnie Szeto	12/27/2021	SCALE 1:1	WEIGHT	SHEET 2/5

SECTION B-B SCALE 1:1

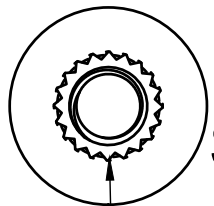
Ironing top infill or
post process



11.1±.15 TYP x3



bottom face for 3D printing



DETAIL A SCALE 3:1

Ø4.5±.1

ADD THREADED INSERT
x3

PROJECT

wifi-LED-poi

TITLE

poi_assembly
inside piece A detail

Material: ABS

APPROVED

CHECKED

DRAWN Winnie Szeto 12/27/2021

SIZE

A

CODE

DWG NO

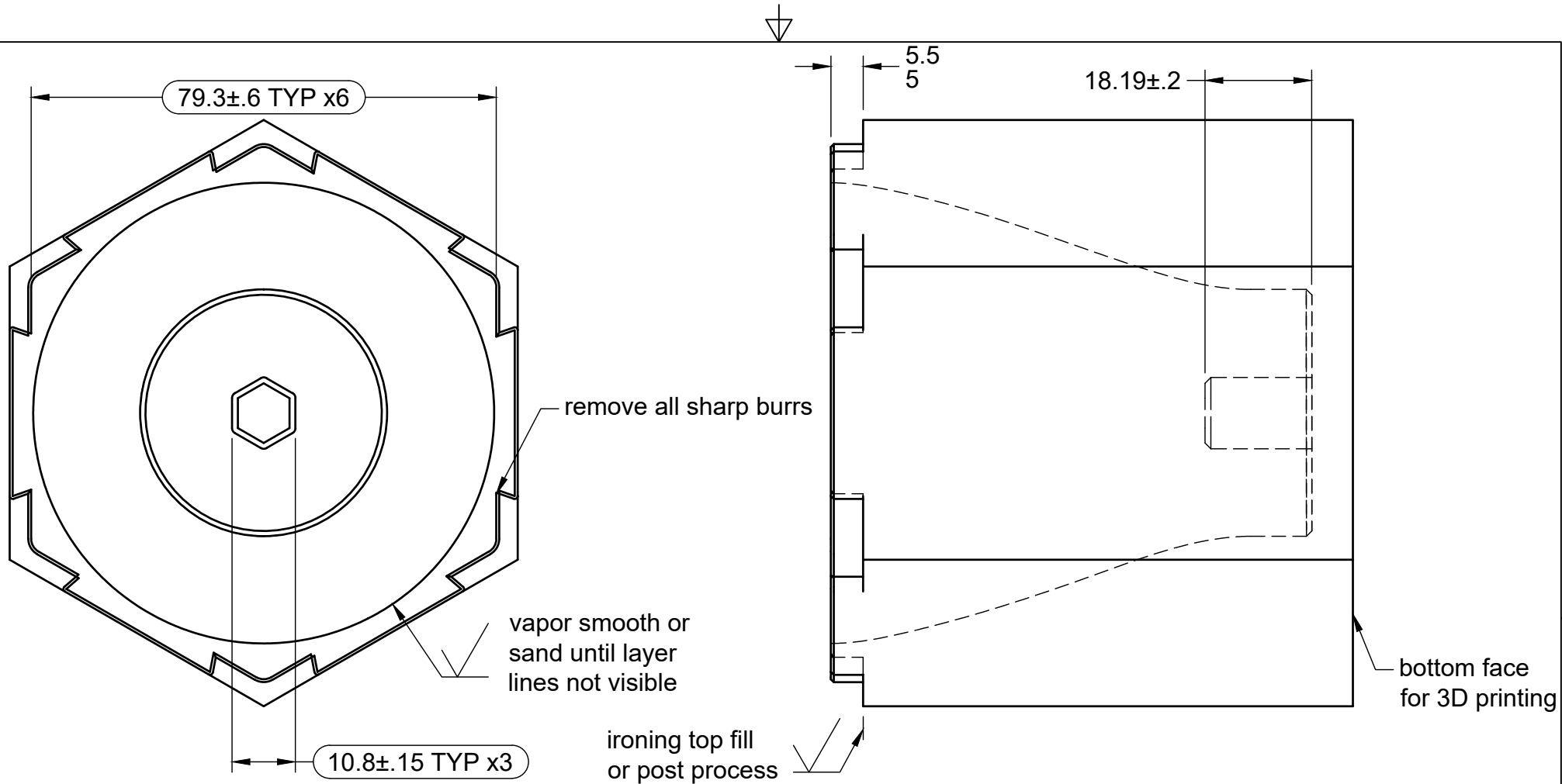
REV

1.0

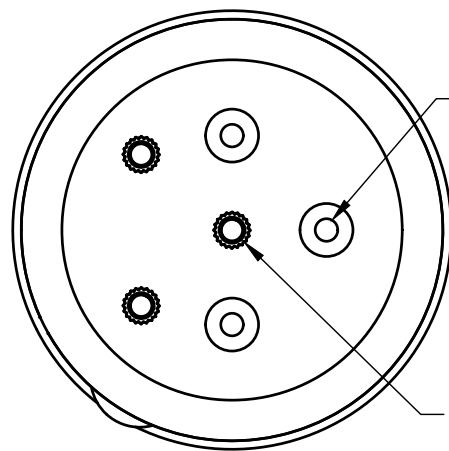
SCALE 1:1

WEIGHT

SHEET 3/5

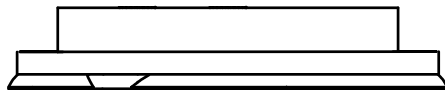
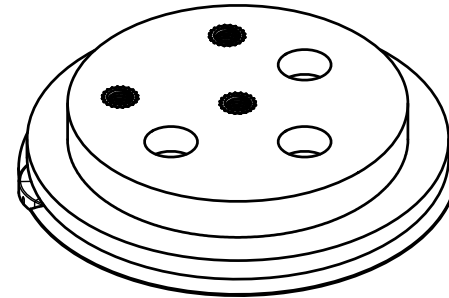


		PROJECT			
		wifi-LED-poi			
		TITLE			
		poi_assembly inside piece A detail			
Material: ABS		SIZE	CODE	DWG NO	REV
APPROVED		A			1.0
CHECKED					
DRAWN	Winnie Szeto 12/27/2021	SCALE 1:1	WEIGHT	SHEET 4/5	



ØM3 clearance THRU ALL
 □ Ø6.5 MIN ▽ 3.5 MIN TYP x3

Ø4.5±.1
 ADD THREADED INSERT x3



bottom face for 3D printing
 print directly on build plate

	PROJECT			
	wifi-LED-poi			
Material: ABS	TITLE			
	poi_assembly inside piece B detail			
APPROVED	SIZE	CODE	DWG NO	REV
CHECKED	A			1.0
DRAWN	Winnie Szeto	12/27/2021	SCALE 1:1	WEIGHT
			SHEET 5/5	