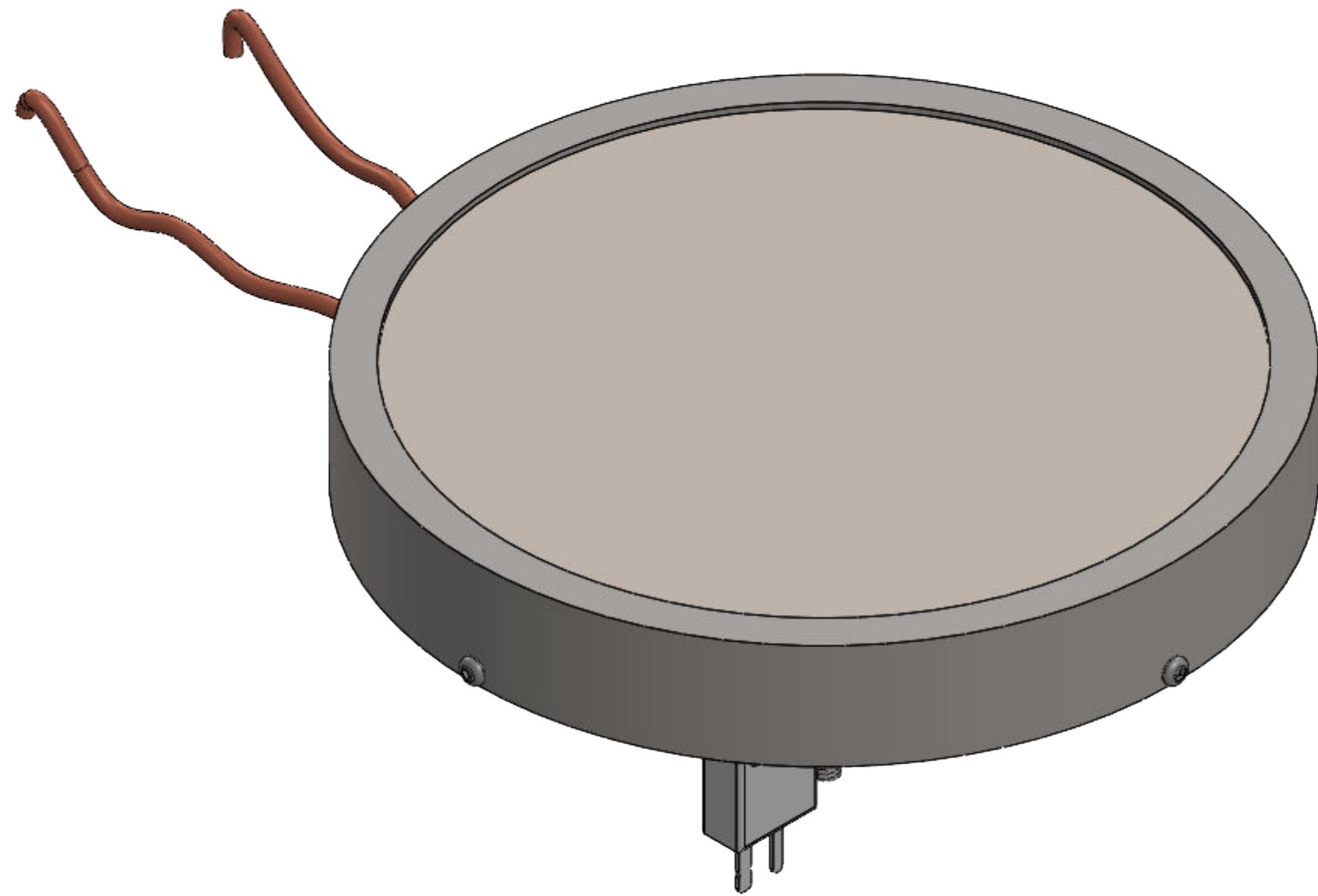
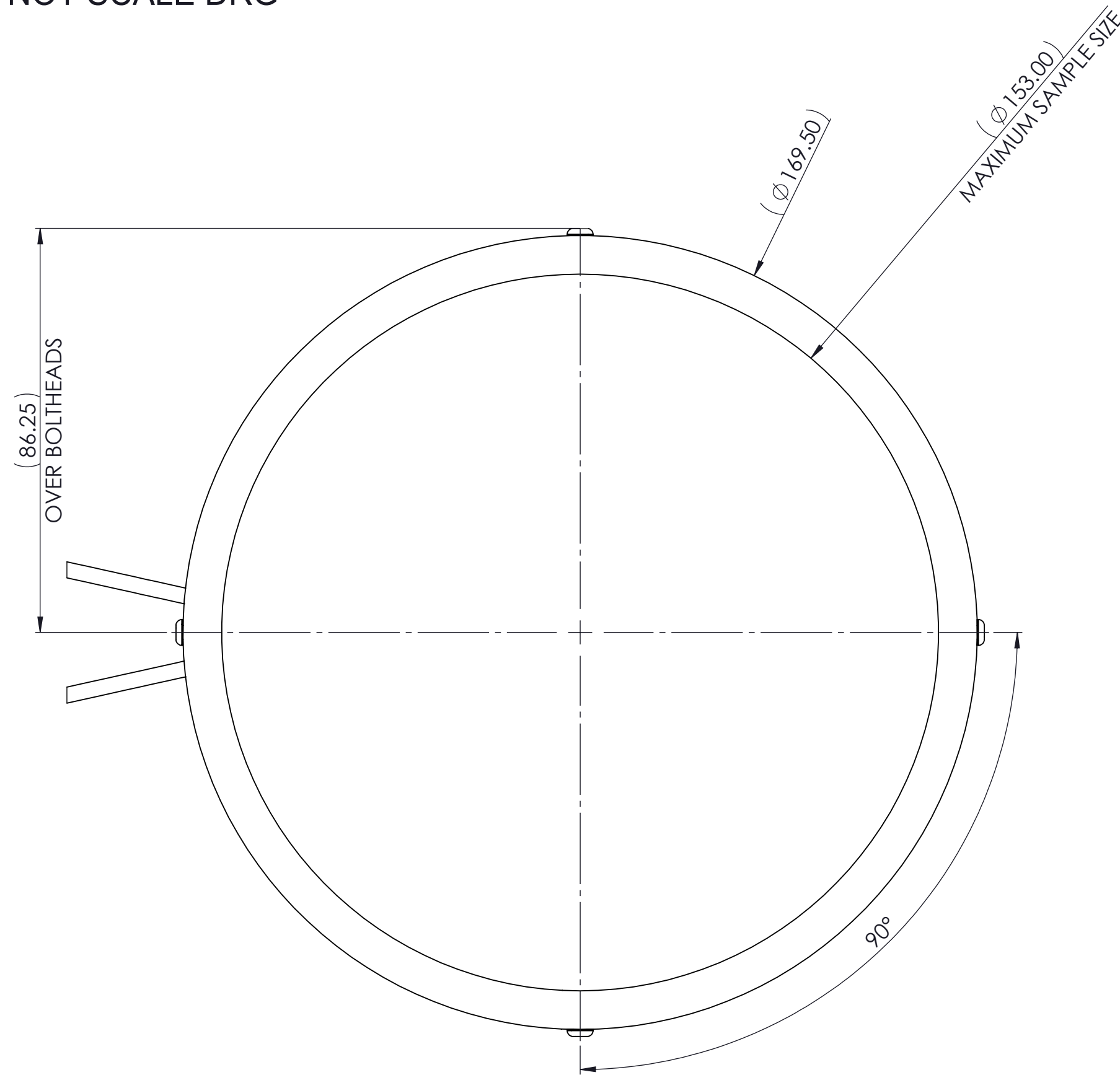
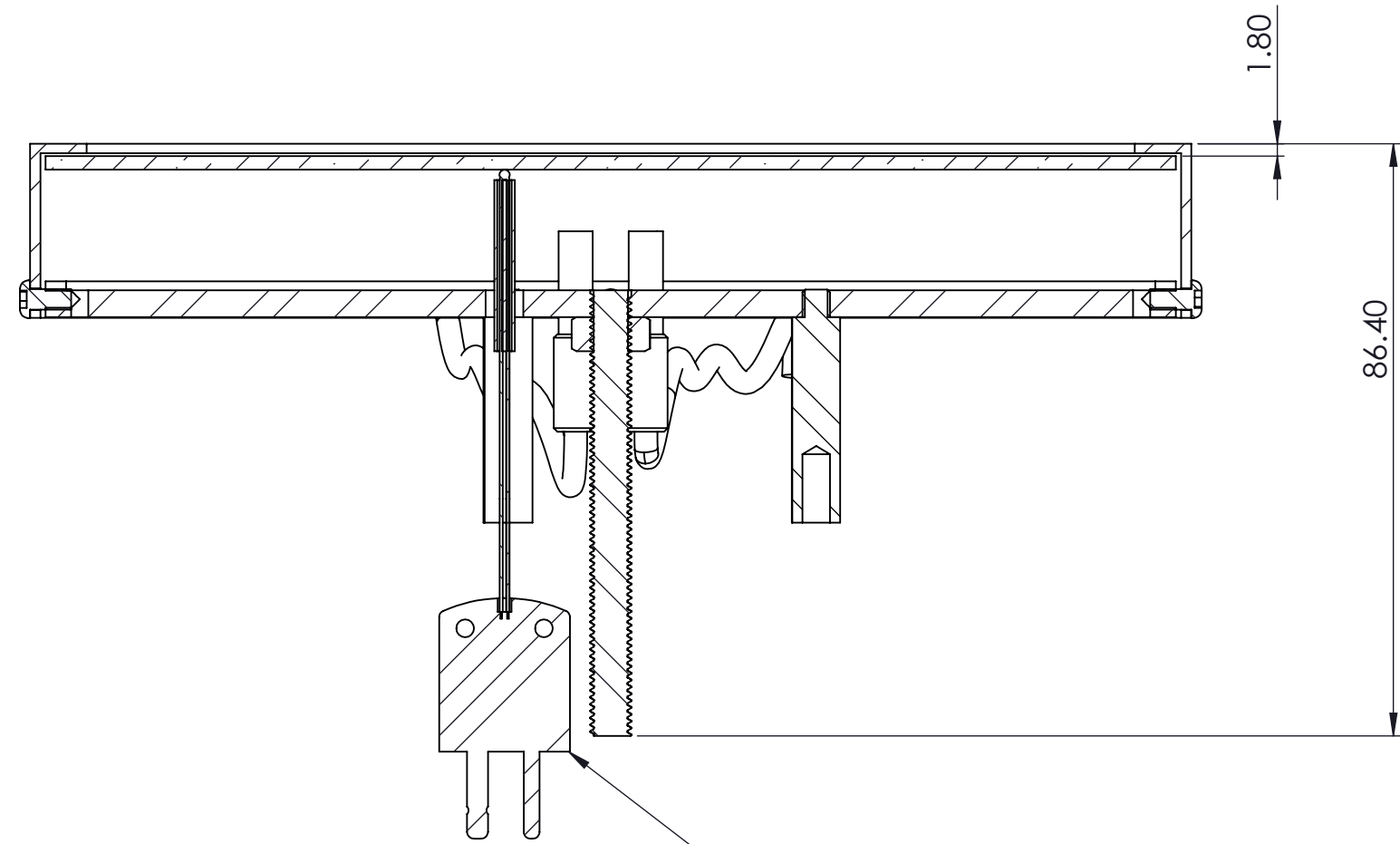
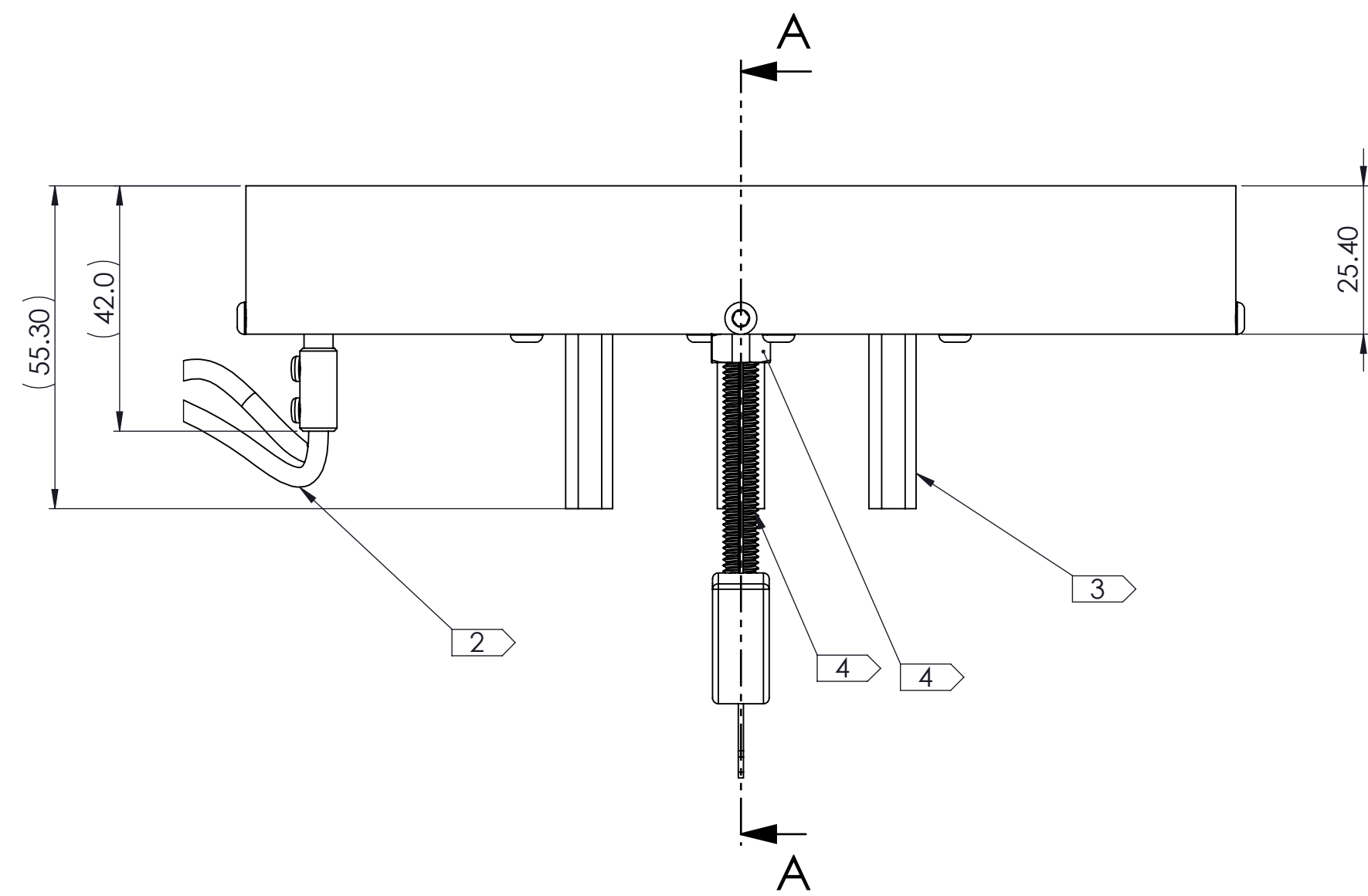




ISO VIEW



SECTION A-A

NOTES

- 1 - K TYPE TC 0.5M FIBERGLASS INSULATED
- 2 - 0.5M CERAMIC FISH SPINE BEAD INSULATED COPPER POWER CABLES
- 3 - BUILT WITH 3X M4 MALE TO FEMALE STANDOFFS
- 4 - M6 STUD AND M6 NUT TO BE PACKED SEPARATELY

			DEBURR ALL SHARP EDGES ALL SURFACES TO BE FREE FROM NICKS AND SCRATCHES			
4	ECN 0854	BS				
	Updated heater case to suit range					
NO.	REVISION DESCRIPTION	BY				
©THERMIC EDGE						
NOTE: THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH MAY NOT BE DISCLOSED TO OTHERS NOR USED FOR MANUFACTURE WITHOUT WRITTEN PERMISSION FROM THERMIC EDGE.						
			TOLERANCES (EXCEPT AS NOTED):			
			ANGULAR: ± 30'			
			DIM	UNDER 250mm	250-500mm	500-1500mm
						ABOVE 1500
			X =	±0.5mm	±1.0mm	±1.5mm
						±2.0mm
			X.X =	±0.2mm	±0.5mm	±0.75mm
						±1.5mm
			X.XX =	±0.1mm	±0.2mm	±0.4mm
						±0.75mm

HEATER SPECIFICATION

HEATER/STAGE DETAILS

HEATER TYPE:	NICKEL CHROME
TOP PLATE TEMPERATURE:	800C
ENVIRONMENT:	HIGH VACUUM, O2, INERT
ELEMENT:	NiCr
THERMOCOUPLE:	K - TYPE
UNIFORMITY:	N/A
SUBSTRATE:	N/A
LEAK RATE:	N/A

ELECTRICAL

HEATER COLD RESISTANCE:	APPROX. 20.3Ω
RAMP RATE:	45°C / MIN
POWER REQUIREMENTS:	APPROX. 140V 7A
CABLE LENGTH & INSULATION:	0.5M THERMOCOUPLE FIBRE GLASS INSULATED, 0.5M COPPER POWER CABLES CERAMIC FISH BEAD INSULATED (NOT SHOWN)

COOLING

WATER COOLING:	N/A
	N/A
GAS COOLING:	N/A

EXTRAS

ROTATION SPEED:	N/A
BIAS TYPE & POWER:	N/A
TRAVEL DISTANCE:	N/A
ADDITIONAL EXTERNAL HEAT SHIELDING:	N/A

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UNITED KINGDOM

SCALE: 1:1	DRAWN:	CHECKED: PB	PAGE 1 OF 1
A1	DATE:	DATE: 04 Nov 25	
TITLE: 6 INCH NICKEL CHROME HEATER ON M4 HEX LEGS			
DWG NO: HCM6-NCR-06			REVISION: 4